

MAANTIELIIKENTTEEN JATKUVAT LIIKENNELASKENNAT



KONEELLINEN LIIKENNELASKENTA 1986
KEHITYS 1978 — 1986

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TIE- JA VESIRAKENNUSHALLITUS
TALOUSOSASTON TUTKIMUSTOIMISTO

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ALKUSANAT

Tie- ja vesirakennuslaitoksen valtakunnallisessa liikennelaskentajärjestelmässä koneellinen liikennelaskenta muodostaa oleellisen osan.

Liikennemäärätietoa on koottu 80 laskentapisteeltä, jotka lähes kaikki sijaitsevat päätieverkolla.

Tämä julkaisu on koottu liikennetiedon käyttäjän apuvälineeksi vuoden 1986 tilanteesta.

Materiaalin julkaisuun on piirtänyt Aila Ylitalon viimeistelemällä DPS/CALCOMP piirturiohjelmistolla Tommy Mård.

Julkaisun on koonnut ja lisätietoja antaa Jaakko Pitkänen (p. 90-1542151).

Toimistopäällikkö



Jorma Kosunen

MAANTEIDEN JATKUVAT LIIKENNELASKENNAT, YLEISKUVAUS

Induktioperaatteella toimivilla laskentakoneilla, UL-CAR + Pulse-O-Matic, on kerätty liikennemäärätietoa jo vuodesta 1974 lähtien. Lähes kaikki noin 80 laskentapistettä sijaitsevat päätieverkolla. Jatkuva auto-maattinen laskentamuoto mahdollistaa autoliikenteen ominaisuuksien selvittämisen ohella luotettavan liikenteen kehityksen seuraamisen. Laskentakoneet laskevat koko autoliikenteen. Liikenteen koostumuksen selvittämiseksi suoritetaan kerran kuukaudessa arkivuorokautena 16 tunnin mittainen käsinlaskenta (06-22).

Jokaiselta pisteeltä tuotetaan ensivaiheena kuukausittain:

- ★ Peruslista, jolla liikennemäärät ovat neljännestunneittain kummaltakin ajosuunnalta erikseen.
- ★ Viikkolista, jolla liikennemäärät on esitetty tunneittain kummallekin ajosuunnalle erikseen sekä näiden summa. Liikennemäärien lisäksi on tulostettu tuntivaihtelukertoimet, jotka ilmoittavat ao. tunnin liikennemäärän suhteellisen prosenttiosuuden vuorokauden kokonaisliikennemäärästä. Tulostuksesta ilmenee myös ao. viikon viikonpäivävaihtelukertoimet, jotka kertovat ajosuunnittain kunkin viikonpäivän liikennemäärän suhteen viikon keskimääräiseen vuorokausiliikennemäärään.

Kun koko vuoden liikennemäärät on kerätty talteen, tulostetaan:

- ★ Vuosilista, jossa esitetään vuoden keskimääräinen vuorokausiliikenne, vuoden keskimääräinen arkivuorokausiliikenne sekä kesän keskimääräinen vuorokausiliikenne suunnittain ja suunnat yhteensä. Lisäksi on laskettu kesäkauden (kesä-elokuu) sunnuntaipäivien keskimääräinen viikonpäivävaihtelukerroin ja kesäliikennekerroin. Vuosilistalla on myös esitetty vuoden jokaisen päivän liikennemäärä ja näistä lasketut viikon arkiliikennekeskiarvot (ma-to) ja viikkokeskiarvot sekä näiden suhde vastaaviin vuosikeskiarvoihin.
- ★ Tuntiliikennelista, johon vuoden kaikki tunnit on järjestetty suuruusjärjestykseen suunnittain ja suunnat yhteensä. Kunkin tunnin kohdalla on ns. tuntijärjestystä kuvaava luku, joka tarkoittaa ao. tuntiliikenteen suhdetta vuoden keskimääräiseen vuorokausiliikenteeseen. Luvut on vielä jaettu kahteen perusjoukkoon, joista toisessa on mukana kaikki tunnit ja toisessa ainoastaan viikonlopun tunnit. Tämän lisäksi on laskettu kunkin tuntiin mennessä syntynyt kertymä vuosiliikenteen kokonaismäärästä.
- ★ Koko aineistosta on tuotettu graafisena tulostuksena vaihtelumuo- ja tuntijärjestyskäyrät.

Käsillä oleva julkaisu on tarkoitettu liikennetiedon käyttäjän apuvälineeksi ja se kertoo tilanteesta vuonna 1986. Julkaisuun on koottu keskimääräisten liikennemäärätietojen ja koostumustietojen ohella liikenteen kehityksen ja tuntiliikennemäärien kehityksen trendi vuodesta 1976 vuoteen 1986. Lisäksi on vuoden -86 kausivaihtelukäyrä, kesän huippuviikon (A) ja syksyn KVL-tason (B) viikon viikonpäivävaihtelut sekä tuntijärjestyskäyrä.

Julkaisuun on laskettu muutamille tunneille huipputuntikerroin HTK, joka kuvaa liikenteen vaihtelua tarkasteltavan huipputunnin aikana.

Tietoja yksityiskohtaisista tuloksista saa piirien suunnittelutoimialalta ja TVH:n talousosaston tutkimustoimiston liikennetutkimusjaostolta.

Sivuilla 4-6 on taulukoitu kaikki TVL:n toiminnassa olleet kiinteät konelaskentapistet vuosina 1976-1986.

Julkaisussa käytetyt lyhenteet:

KVL	= vuoden keskimääräinen vuorokausiliikenne
KAVL	= vuoden keskimääräinen arkivuorokausiliikenne
KKVL	= kesän keskimääräinen vuorokausiliikenne
D' (KKVL/KVL)	= kesäliikennekerroin
A'	= tuntivaihtelukerroin (kunkin kuukauden kyseessä olevien päivien keskiarvo)
A	= kesän huippuviikon viikonpäivävaihtelut
B	= syksyn KVL-tason viikonpäivävaihtelut
HA	= henkilöautot
PA	= pakettiautot
LA	= linja-autot
KAIP	= kuorma-autot ilman perävaunua
KAPP	= puoliperävaunulliset kuorma-autot
KATP	= täysperävaunulliset kuorma-autot
MA	= maanantai
TI	= tiistai
KE	= keskiviikko
TO	= torstai
PE	= perjantai
LA	= lauantai
SU	= sunnuntai
B' (SU/KESÄ)	= kesäkauden (kesä-elo) sunnuntaipäivien keskimääräinen viikonpäivävaihtelukerroin
W	= viikkokeskiarvo
H	= tunti
Q	= tunnin liikennemäärä
VT (vt)	= valtatie
KT (kt)	= kantatie
MT (mt)	= maantie
$HTK = \frac{V}{4 \times v_{15}}$	= huipputuntikertoimen laskentakaava
V	= liikennemäärä koko huipputunnin aikana
v_{15}	= liikennemäärä vilkkaimman 15 minuutin aikana huipputunnin sisällä

KONEELLINEN LIIKENNELASKENTA V. 77-86
PISTELUETTELO

piste nro	tie nro	tieosan nimi	tie- osan nro	etäi- syys	vuosi										
					77	78	79	80	81	82	83	84	85	86	
0002	vt 4	Mäkelä - Rienoja	111	2.6	x	x	x	x	x	x	x	x	x	x	
0127	vt 3	Nummensyrjä - Noppo	109	3.8	x	x	x	x							
0130	vt 2	Aromäki th - Karikkila th	013	2.4	x	x	x	x	x	x	x	x	x	x	
0131	vt 6-7	Sipoon raja - Sköldvik th	108	3.6	x										
0132	kt 51	Kirkkonummi - Båtvik th	009	1.1	x	x	x	x	x	x	x	x	x	x	
0133	vt 4	Vaarala - Jokivarsi (Helsinkiin)	004	2.5	x	x	x	x	x	x	x	x	x	x	
0134	kt 50	Hämeenkylä - Tammisto	006	3.9	x	x									
0135	vt 4	Vaarala - Jokivarsi (Lahteen)	004	2.5	x	x	x	x	x	x	x	x	x	x	
0136	kt 53	Perttilä - Lieviö	022	3.0	x	x	x	x	x	x	x	x	x	x	
0137	mt 104	Kuusia - Karjalohja	006	4.1											
0138	mt 167	Myrskylä pit.raja - Myrskylä	010	4.9	x	x	x	x							
0139	vt 3	Metsäkylä - Hirvihauta	105	3.0	x	x	x	x	x	x	x	x	x	x	
0140	pt 11459	Päivölä - Seutula	003	1.1	x	x	x	x							
0141	mt 155	Porvoon kaup.raja - Stensböle	001	4.2	x	x									
0142	vt 2	Hämeenkylä - Nipert	005	2.5	x										
0143	vt 1	Huopalahti - Leppävaara (helsinkiin)	003	1.8		x	x	x	x	x	x	x	x	x	
0144	vt 1	Huopalahti - Leppävaara (turkuun)	003	1.8		x	x	x	x	x	x	x	x	x	
0145		poikkileikkaus pisteistä 0133 ja 0135					x	x				x	x	x	
0146		poikkileikkaus pisteistä 0143 ja 0144					x	x				x	x	x	
0147	vt 7	Gammelby - Koskenkylä	015	3.1			x	x	x	x	x	x	x	x	
0148	vt 4	Luhtikylä - piirin raja	119	1.5			x	x	x	x	x	x	x	x	
0149	kt 53	Myllykylä - Metsäkulman pth	034	5.3					x	x	x	x	x	x	
0150	kt 50	Hämeenkylä - Veromiehenkylä pth (itään)	006	4.1					x	x	x	x	x	x	
0151	kt 50	Hämeenkylä - Veromiehenkylä pth (länteen)	006	4.1					x	x	x	x	x	x	
0152	kt 50	poikkileikkaus pisteistä 0150 ja 0151							x	x	x	x	x	x	
0223	vt 1	Tammisilta - Makarla	030	5.0										x	
0224	mt 180	Kuusiston silta - Kirjalan silta	001	3.2			x	x	x	x	x	x	x	x	
0226	vt 10	Kausela - Liedon kko	002	5.1			x	x	x	x	x	x	x	x	
0227	vt 9	Kumila - Mellilänkylä	112	4.6											
0228	vt 1	Kumpula - Joensuu	025	4.0	x	x	x	x	x	x	x				
0229	vt 8	Nummenkylä - Mynämäki	107	0.8	x	x									
0230	mt 189	Lietsalan pth - Lietsala	002	4.2	x	x	x	x	x	x	x	x	x		
0231	mt 247	Peipohja P - Kokemäki	001	1.7	x	x									
0232	vt 8	Pori - Söörmarkku	202	7.6	x	x	x	x	x	x	x	x	x	x	
0233	vt 8	Raisio - Marjamäki	103	0.8	x	x	x	x	x	x	x	x	x	x	
0323	vt 2	Honkaluoto - Pori	047	4.3	x	x	x	x	x	x	x	x	x	x	
0324	mt 265	Pori - Mäntyluoto	001	4.8	x	x	x	x	x	x	x	x	x	x	
0422	vt 12	Tampere - Kangasala	002	0.1	x	x	x	x	x	x	x	x	x	x	
0428	vt 3	Parola - Nihattula	123	5.2	x	x	x	x	x	x	x	x	x	x	
0429	vt 12	Nastola - Uusikylä	024	2.0	x	x	x	x	x						
0431	vt 12	Sotiala - Tuulos	010	1.4	x	x	x	x	x	x	x	x	x	x	
0432	vt 9	Eväjärvi - Keski-Suomen piirin raja	217	4.0	x	x	x	x	x	x	x	x	x	x	
0433	kt 54	Lappila - Järvelä	016	4.2	x	x	x	x	x	x	x	x			
0434	kt 66	Pultonen - Heinäaho	014	3.1	x	x	x	x	x						
0435	vt 3	Tampere - Ylöjärvi	202	6.0			x	x	x	x	x	x	x	x	
0436	vt 3	Hämeen piirin raja - Herajoki	114	5.0						x	x	x	x	x	
0437	vt 9	Viiala	126	1.0						x	x	x	x	x	
0517	vt 15	Tuohikotti II - Tuohikotti	015	2.0							x	x	x	x	
0518	vt 6	Lappeenranta - Partala	303	2.5					x	x	x	x	x	x	
0521	kt 60	Kellomäki - Kuusankoski	001	2.4	x	x									
0522	vt 7	Pyhtää, Kangasmäki - Huutjärvi	026	1.0	x	x							x	x	
0523	vt 6	Rantsilanmäki - Jurvala	210	3.0	x	x	x	x						x	
0524	kt 60	Saviston pth - Rajasuo	005	0.4	x	x	x	x							
0525	vt 6	Sotkulampi - Vuoksen satamatie	310	3.8	x	x	x	x							
0526	mt 373	Karjalankatu	001	3.0	x	x	x	x							
0527	mt 4015	Parikkalan as. - Tehtaanmäki	001	5.5	x	x	x								
0528	vt 6	Puhjo - Käyrälampi	201	0.3			x	x	x	x					
0529	vt 7	Suurniitty - Tavastila	031	1.7			x	x	x						
0530	mt 392	Lappeenranta - Nuijamaa	002	0.4					x						
0531	vt 6	Elimäki	127	0.5					x	x	x	x	x	x	
0532	vt 12	Kausala	030	3.8					x	x	x	x	x	x	
0533	vt 7	Hamina - Vehkalahti	036	0.2					x	x	x	x	x	x	
0534	vt 6	Rautjärvi	318	3.0						x	x	x	x		
0535	vt 13	Savitaipale	106	2.0						x	x	x			

piste nro	tie nro	tieosan nimi	tie- osan nro	etäi- syyss	vuosi										
					77	78	79	80	81	82	83	84	85	86	
0620	kt 59	Ruskeala - piirin raja	089	2.6	x	x									
0621	vt 13	Ostolahti - Rahikkala	117	4.6											x
0623	vt 5	Kuortti - Vihantasalmi	118	1.2	x	x									
0627	mt 434	Puumala - Virmutjoki	012	1.9	x										
0628	vt 5	Rentakylä - Kiiskimäki	127	0.6	x	x	x								
0629	mt 420	Mäntyharju - Ristiina	003	4.7	x	x	x								
0630	mt 4323	Ristiina	001	0.3	x	x	x	x							
0631	kt 70	Suurmäki - Pohjois-Karjalan piirin raja	414	1.1		x	x	x	x						
0632	vt 5	Myllyoja - Heinola	108	1.8			x	x	x						
0633	mt 410	Nuoramoinen - Otamo	004	2.6			x	x	x	x					
0634	kt 60	Kymen piirin raja - Hujansalo	011	2.4				x	x	x					
0635	mt 450	Vaalijala - Surnuimäki	004	1.1				x	x	x					
0636	vt 13	Lapaskangas - Keski-Suomen piirin raja	139	2.7				x	x	x	x				
0637	mt 459	Narila - Virtasalmi	005	0.4					x	x	x	x	x	x	x
0638	mt 467	Hiismäki - Osikonmäki	001	1.3						x	x	x	x		
0639	vt 14	Jukola - Kokonharju	021	3.6							x	x	x		
0640	mt 471	Makkola - Simanala	003	2.2								x	x	x	x
0641	vt 14	Savonlinna, Kyrönsalmen silta	015	1.2									x	x	
0642	vt 5	Mutala - Palviainen, Joroinen	144	3.8										x	x
0643	mt 464	Tiemassaari - Torasalo, Rantasalmi	004	1.7										x	x
0644	mt 476	Heinävesi - Sappu, Heinävesi	008	0.8										x	x
0707	vt 6	Niittylahti - Reijola	348	0.7									x	x	x
0709	vt 17	Lentoas. th - Lautasuo	026	1.6	x	x	x	x	x	x	x	x	x	x	x
0710	vt 18	Kontiolahdi - Romppala	008	0.5	x	x	x	x	x	x	x	x	x	x	x
0711	kt 74	pt 15736 - Tuupovaara pit.	008	1.4	x	x	x	x	x	x	x	x	x	x	x
0712	vt 18	Uuro pth - Uuro	003	5.4	x	x	x	x	x	x	x	x	x	x	x
0713	vt 23	Ristinpohja lv th - Kontkala	417	5.3	x	x	x	x	x	x	x	x	x	x	x
0801	vt 5	Puijonrinne - Vuorela (Kuopio)	202	2.6	x	x	x	x	x	x	x	x	x	x	x
0802	vt 5	Puijonrinne - Vuorela (Iisalmi)	202	2.6											
0803		Poikkileikkaus pisteistä 0801 ja 0802													
0808	vt 5	Toivala - Kasurila	204	5.0				x	x	x	x	x	x	x	x
0811	vt 17	Riistavesi - Telkkämäki	007	5.1	x	x	x	x	x	x	x	x	x	x	x
0812	vt 5	Pelokangas - Leppävirta	151	5.0	x	x	x	x	x	x	x			x	
0815	vt 5	Taipale - Peltosalmi	216	0.7											
0816	vt 19	Salahmi - Isomäki	008	1.0	x	x	x						x		
0817	mt 557	Maaninka kk - Ahkionlahti	005	6.0	x	x									
0818	vt 5	Peltosalmi - Iisalmi	217	4.5	x	x	x	x	x	x	x	x	x	x	x
0819	vt 5	Pitkälähti - Siikalähti	161	0.7			x	x	x	x	x	x	x	x	x
0907	vt 4	Salmijärvi - Keljonkangas	234	2.1	x	x	x	x	x	x	x	x	x	x	x
0910	vt 4	Kotakennäs - Pyyrinlahti	310	1.4	x	x	x	x	x	x	x	x	x	x	x
0913	vt 9	Lievestuore - Niemisjärvi	307	5.4		x	x	x	x	x	x	x	x	x	x
0914	vt 23	Kuohu - Vesanka	229	4.4	x	x	x	x	x	x	x	x	x	x	x
0915	vt 23	Löytty - Haapamäki	217	7.0	x										
0916	mt 604	Jämsä - Jämsänkoski	002	1.2	x	x	x	x	x	x	x	x	x	x	x
1021	kt 8	Kovjoki - Lövö	322	4.7											
1022	vt 3	Kylänpää - Jokiperä	241	3.4	x	x	x								
1023	vt 8	Äsända - Träskvik	216	4.0	x	x	x	x	x		x			x	x
1024	vt 16	Ruohomäki - Träskvik	014	4.6	x	x	x							x	x
1025	vt 3	Jokipii - Ikari	232	0.5	x	x	x	x	x	x	x	x	x	x	x
1026	kt 67	Hemminki - Varpula	039	6.0	x	x	x	x	x	x	x	x	x	x	x
1027	mt 663	Kauhajoki - Aro	012	0.7	x	x	x		x	x	x	x	x	x	x
1028	vt 3	Hälsingby	248	5.0				x	x	x	x	x	x	x	x
1029	mt 697	Mäyry	007	3.2				x	x	x	x	x	x	x	x
1110	vt 8	Yppäri - Pyhäjoki kko	422	1.2	x	x	x	x	x	x	x	x	x	x	x
1111	vt 4	Venetpalo - Ruutikkala	341	3.4	x	x	x	x	x	x	x	x	x	x	x
1112	kt 85	Kälviä - Kannus	004	2.6			x	x	x		x		x	x	x
1113	kt 86	Honkalahti - Alpuminkangas	007	1.6	x	x									
1114	vt 13	Sulkaharju - Sillanpää	227	5.3	x	x	x	x	x	x	x	x	x	x	x
1214	vt 4	Tupos	363	1.4											
1217	vt 8	Pettijoki - Rautamulta	430	2.7	x	x	x	x							x
1218	vt 20	Hintta - Korpi	003	4.2	x	x	x	x	x	x					
1219	vt 4	Roininen - Kiviniemi	366	1.0	x	x	x	x	x	x	x	x	x	x	
1220	vt 22	Rova - Laitasaari	006	5.1	x	x	x	x	x	x	x	x	x	x	x
1221	mt 8103	Raah - Mettala	001	1.2	x	x	x	x	x	x	x	x	x	x	x
1222	vt 4	Peteniemi - Kello	405	1.2					x	x	x	x	x	x	x
1223	mt 830	Hintta - Sanginsuu	001	0.7								x	x	x	x

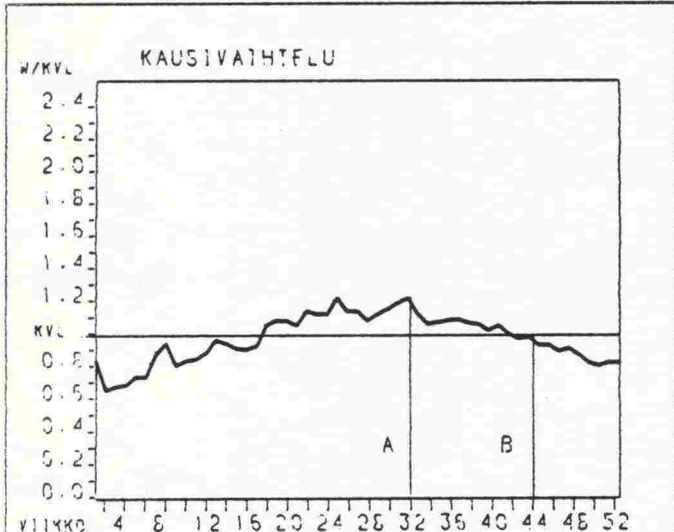
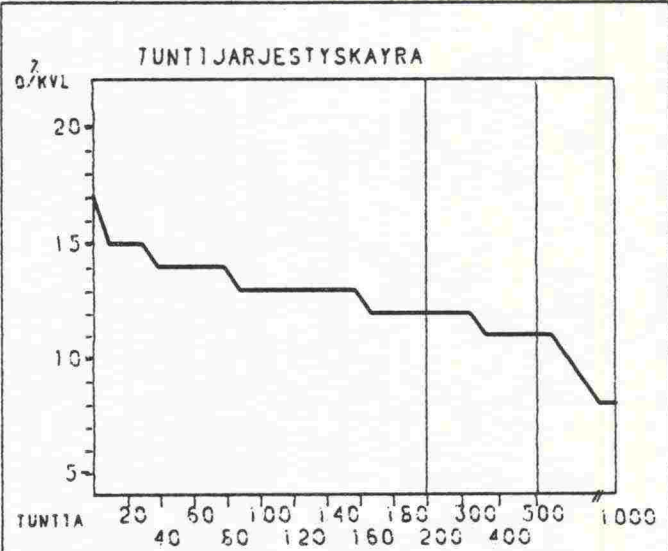
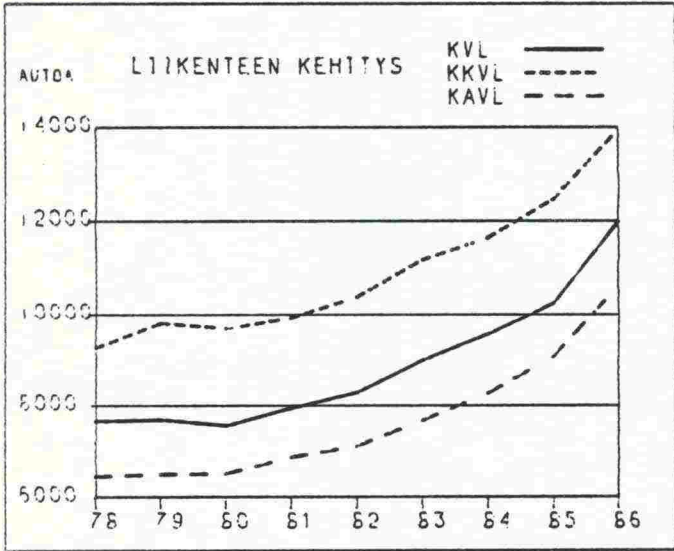
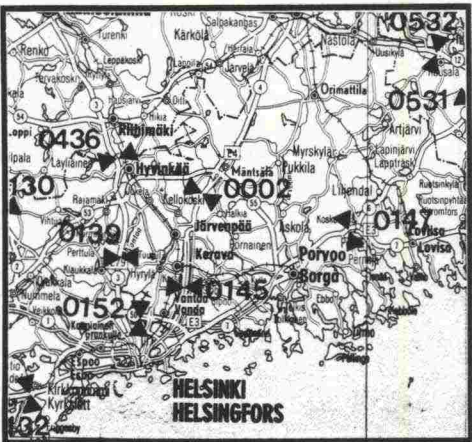
piste nro	tie nro	tieosan nimi	tie- osan nro	etäi- syys	vuosi									
					77	78	79	80	81	82	83	84	85	86
1311	vt 5	Mainua - Kuopion piirin raja	230	2.9	x	x								
1312	vt 5	Siltasuo - Jokikylä	313	4.2	x	x	x	x						
1313	vt 18	Komula - Leväjoki	037	0.4										
1314	kt 85	Vuottolahti - Siltaperä	047	2.0	x	x	x							
1315	kt 76	Tipasoja - Pöytäahon pth	007	6.9	x	x	x							
1316	vt 5	Pohjolankatu - Kuurnan pth	301	0.7	x	x	x	x	x	x	x	x		
1317	vt 5	Ruottusenpuro - Ämmäsaari	324	2.7			x	x	x	x	x	x	x	x
1318	kt 78	Pihlajavaara	110	2.1				x	x	x	x	x	x	x
1319	mt 899	Konappa	005	1.9				x	x	x	x	x	x	x
1320	mt 900	Akonlahti - Kuhmo	013	2.3					x	x	x	x	x	x
1321	vt 22	Törmäkylä	017	1.7									x	x
1408	vt 4	Vikajärvi - Korvala	508	4.0	x	x	x	x	x					
1415	vt 4	Paakkola - Hastinkangas	435	0.7			x	x	x	x	x	x	x	x
1416	vt 21	Juoksenki - Turtola	124	2.6	x	x								
1417	vt 5	Puikkolan pt - Joutsijärvi	379	3.2	x	x	x	x	x	x				
1418	vt 4	Kemintie - Veitikanoja	449	3.1	x	x	x							
1419	vt 5	Tohmo - Javaruksen th	402	4.2	x	x	x							
1420	vt 4	Ivalo - Ineri	558	4.0				x	x	x	x	x	x	x
1421	vt 21	Kolari - Sieppijärvi	140	5.0				x	x	x	x	x	x	x
1422	kt 79	Meltaus - Lohiniva	014	2.0						x	x	x	x	x
1423	kt 78	Portimo	217	6.2							x	x	x	x

2 MÄNTSÄLÄ 1986
VT4 TIEOSA 111 ETAISYYS 2.6 KM

KVL 11986 B' (SU/KESA) 1.31
KAVL 10635
KKVL 13946 D' 1.16

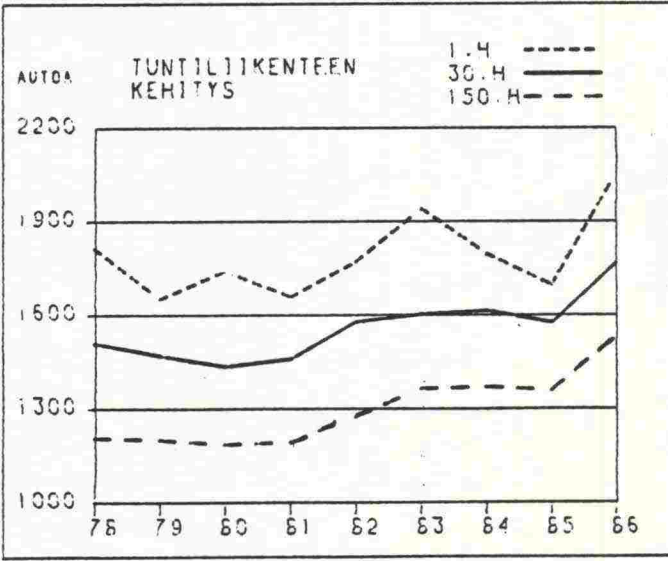
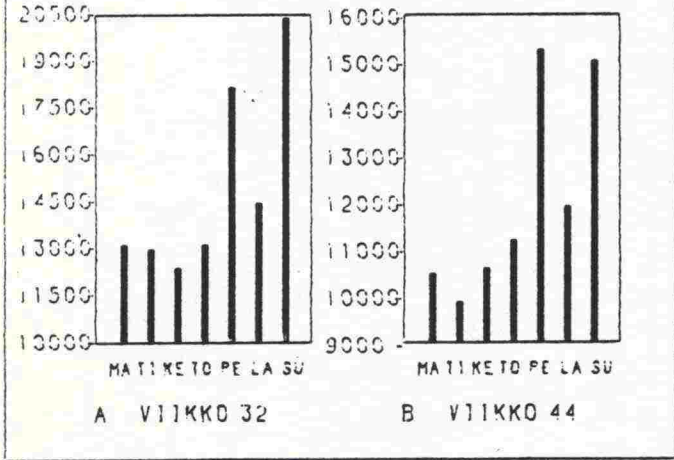
ARKILIIKENTEEN KOOSTUMUS

HA 78 % PA 8 %
LA 2 % KAIP 5 %
KAPP 2 % KATP 5 %



H	O	PE-SU (+KERTYMA)	HTK	
1	2055	100	0.1	0.91
30	1765	100	1.3	-
100	1596	96	3.9	0.88
150	1527	94	5.7	0.84
300	1346	91	10.6	0.90
1000	931	77	28.0	0.87
5000	400	43	86.2	0.92

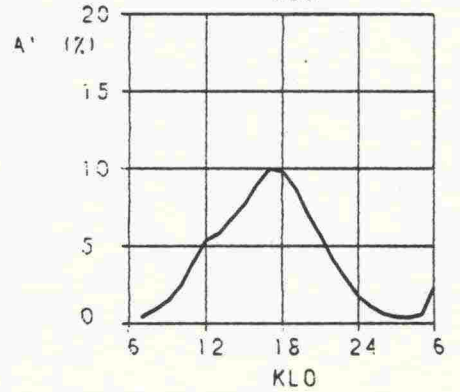
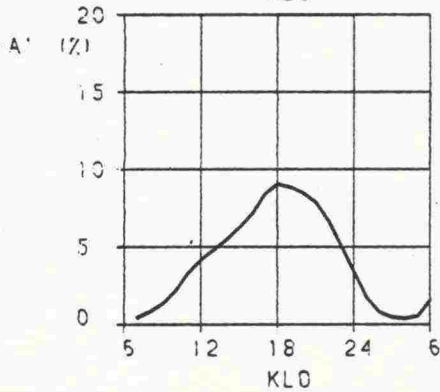
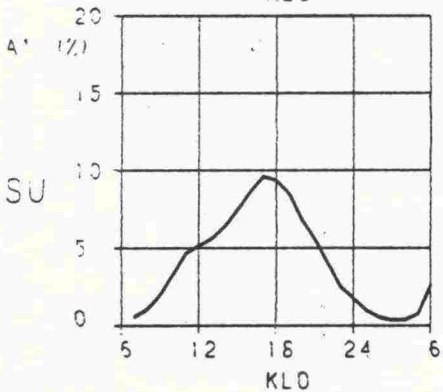
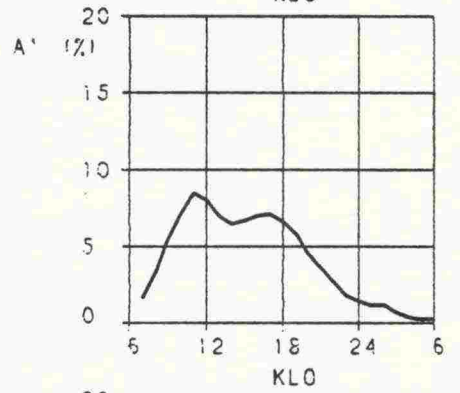
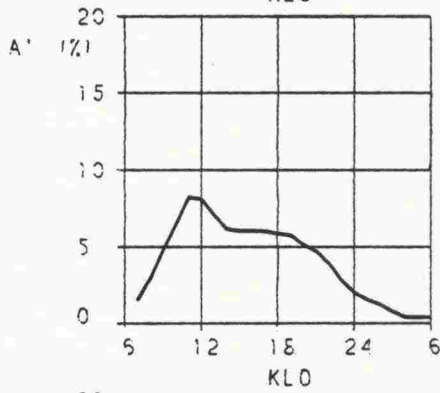
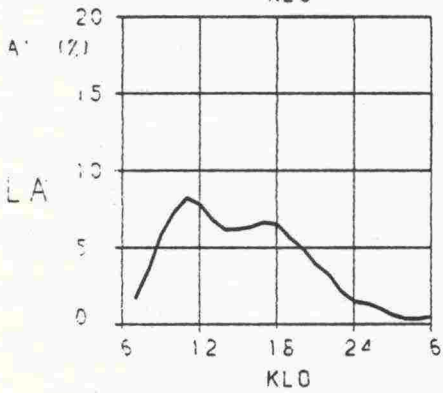
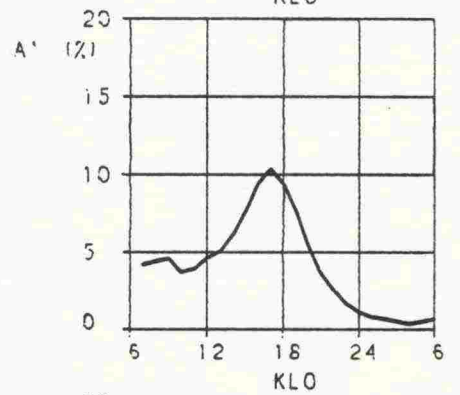
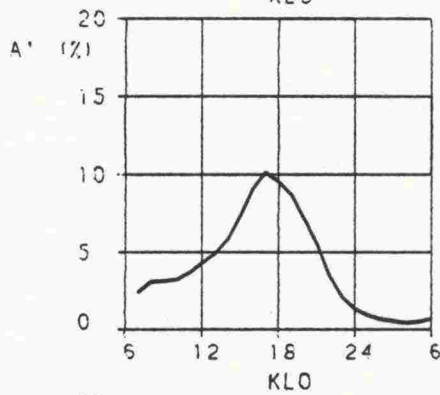
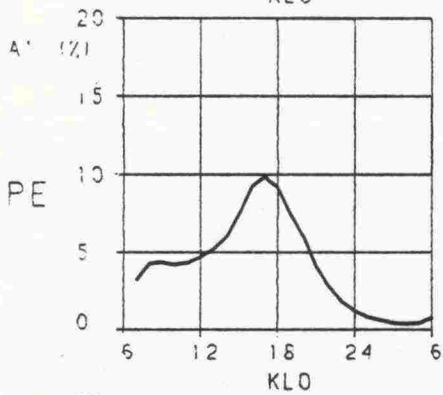
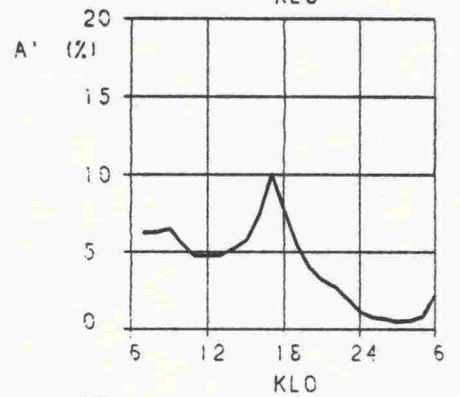
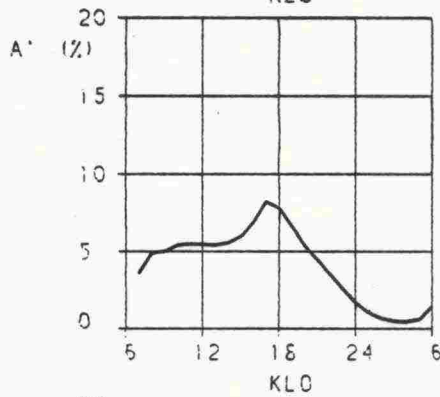
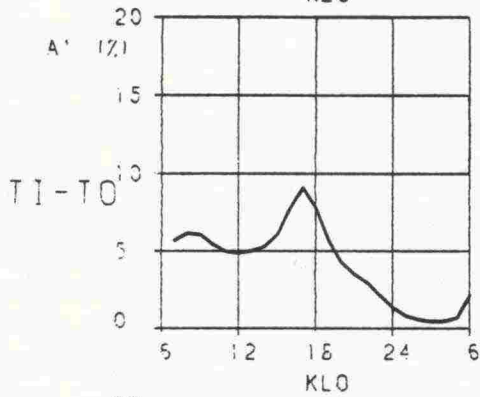
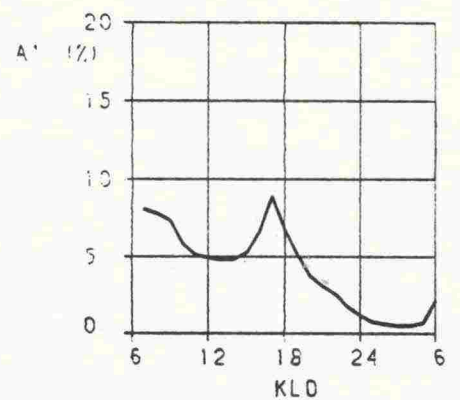
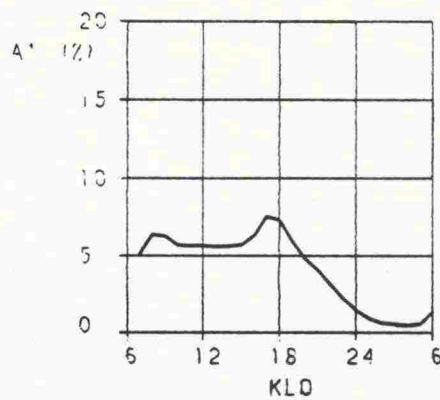
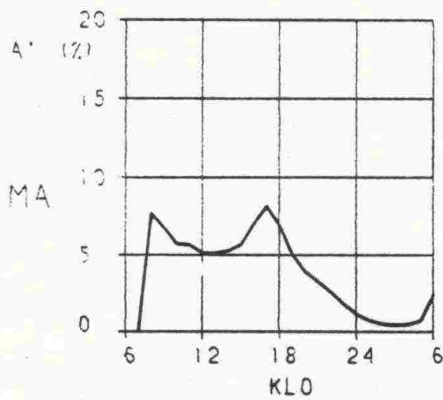
(*) MONTAKO ? KO ENSIMMAISISTA TUNNEISTA OJUU PE-SU LLE



HELMIKUU

HEINAKUU

LOKAKUU



130KARKKILA

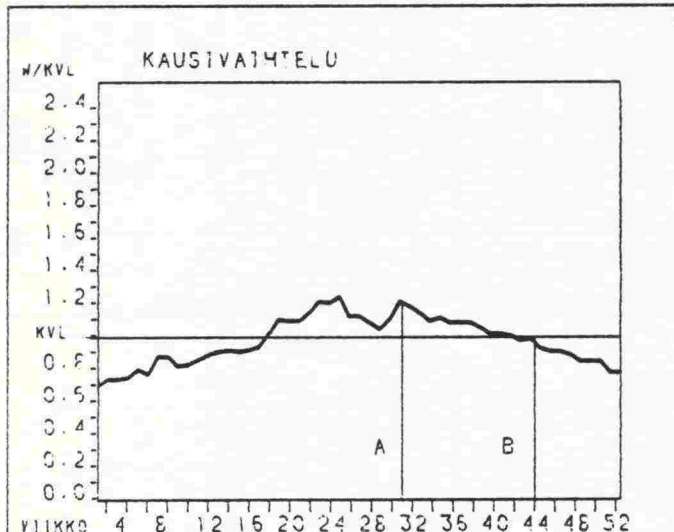
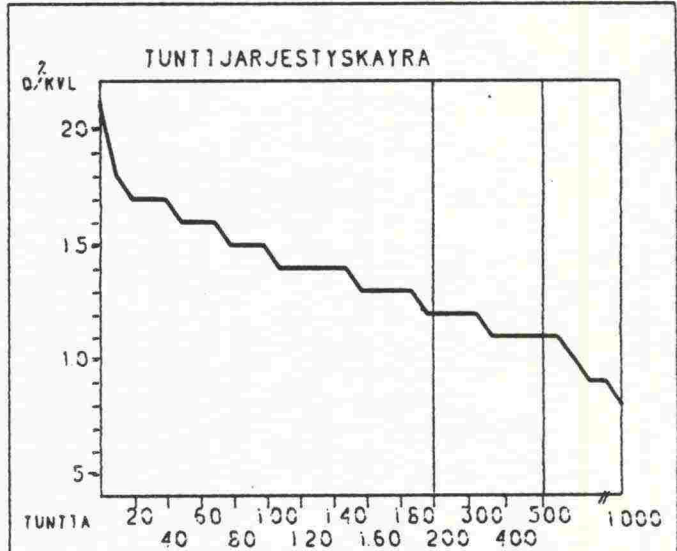
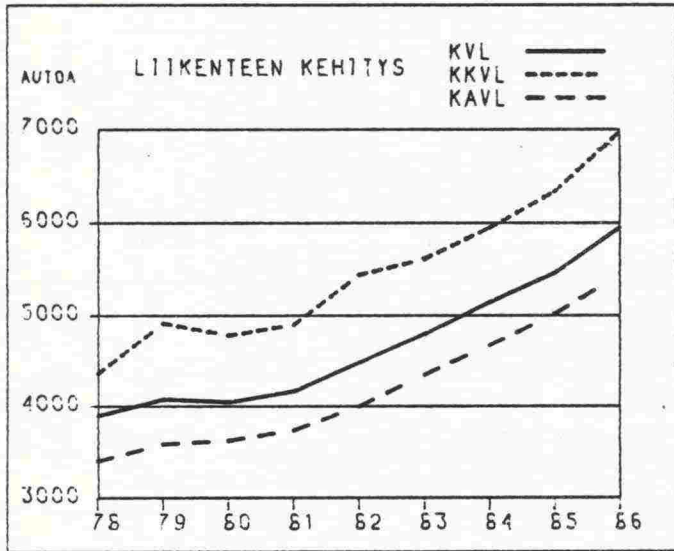
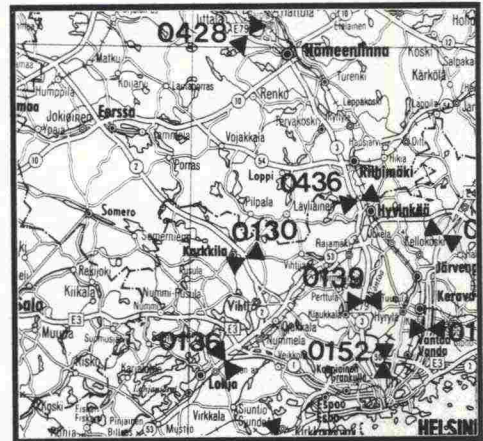
1986

VT2 TIEOSA 13 ETAISYYS 2.4 KM

KVL 5947 B' (SU/KESA) 1.25
KAVL 5435
KKVL 6969 D' 1.17

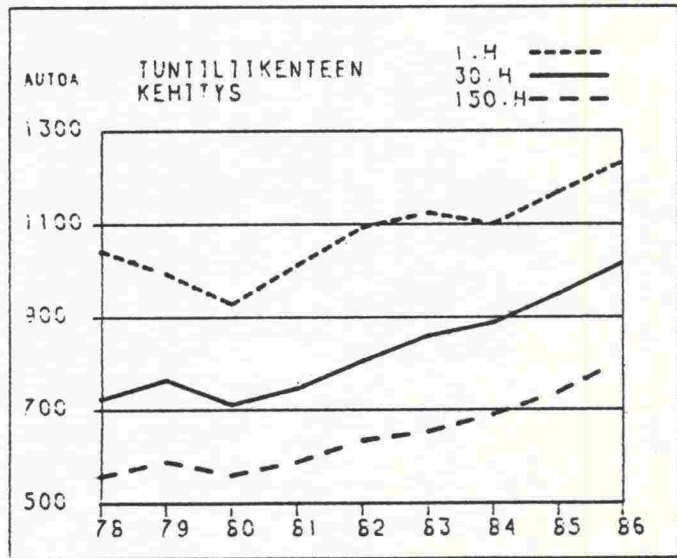
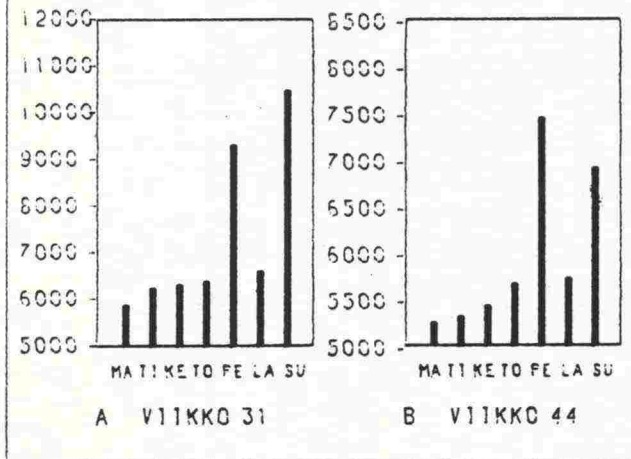
ARKILIIKENTEN KOOSTUMUS

HA 77 % PA 8 %
LA 2 % KAIP 5 %
KAPP 2 % KATP 6 %



H	Q	PE-SU (*)	KERTYMA	HTK
1	1233	100	0.1	0.84
30	1016	90	1.5	0.91
100	874	95	4.6	0.88
150	805	95	6.5	0.89
300	657	91	11.4	0.93
1000	474	66	29.0	0.79
5000	199	41	88.2	0.64

(*) MONTAKO ? KO ENSIMMAISISTA TUNNEISTA OSUU PE-SU-LLE

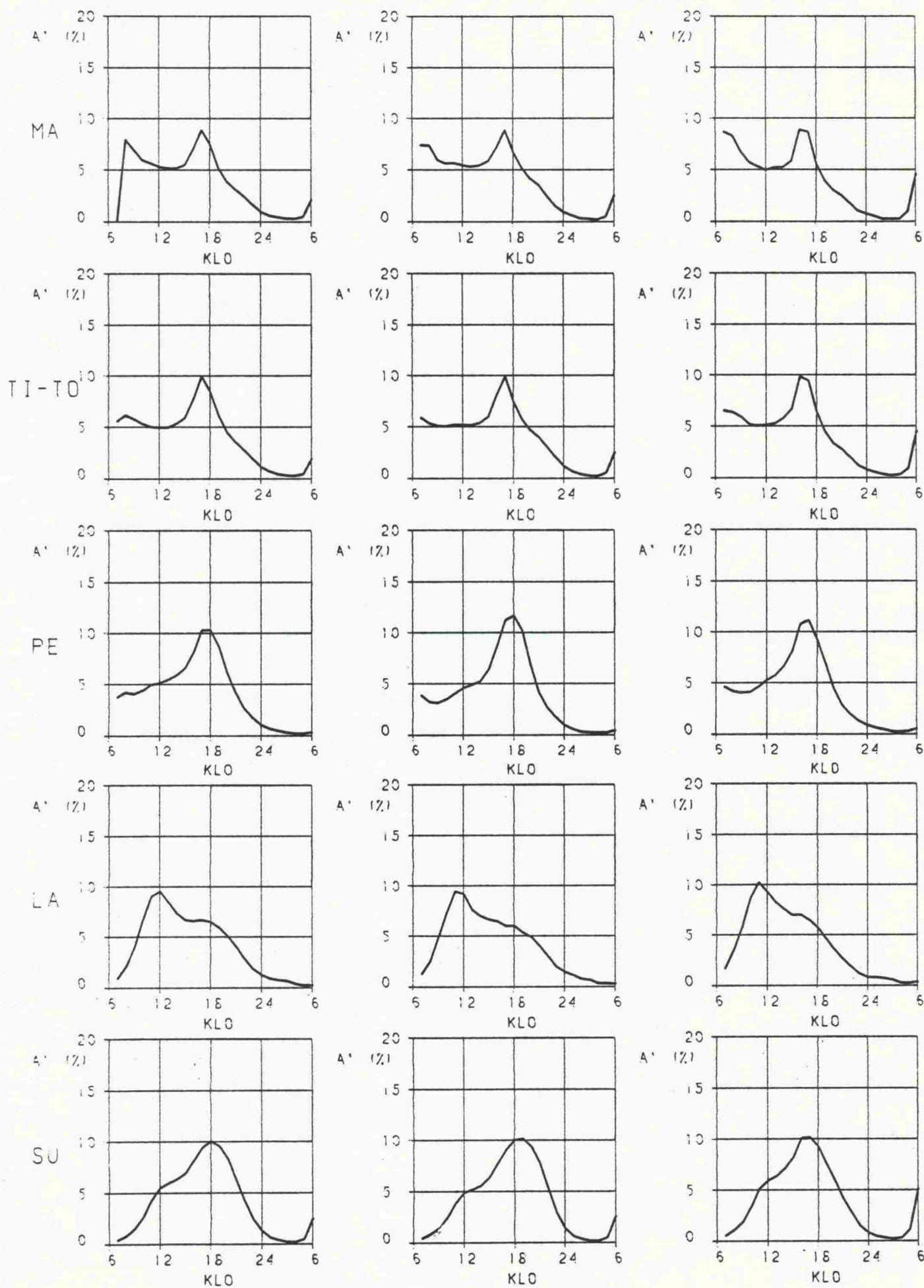


TUNTIVAIHTELUT

HELMIKUU

HEINAKUU

LOKAKUU

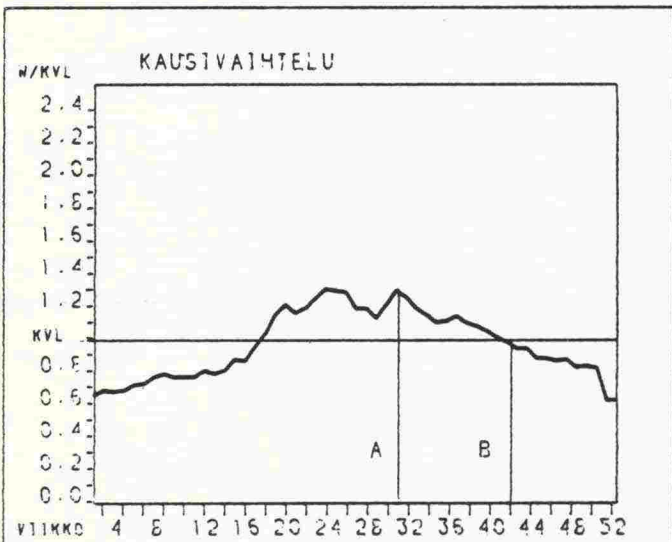
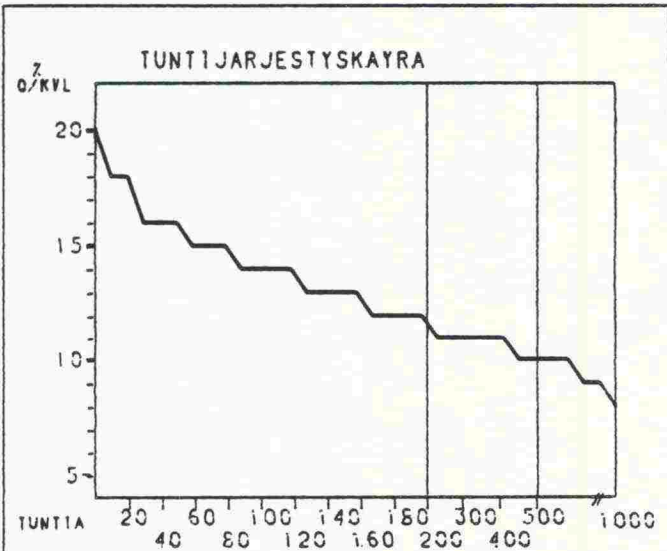
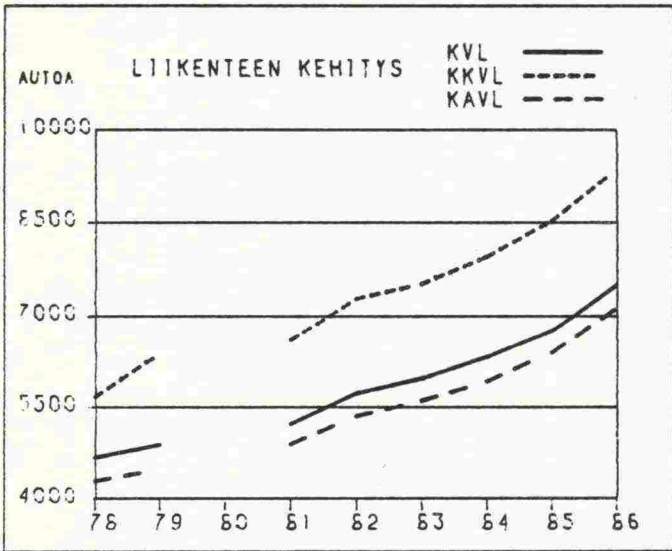


132KIRKKONUMMI 1986
KT51 TIEOSA 9 ETAISYYS 1.1 KM

KVL 7494 B' (SU/KESA) 1.15
KAVL 7131
KKVL 9362 D' 1.24

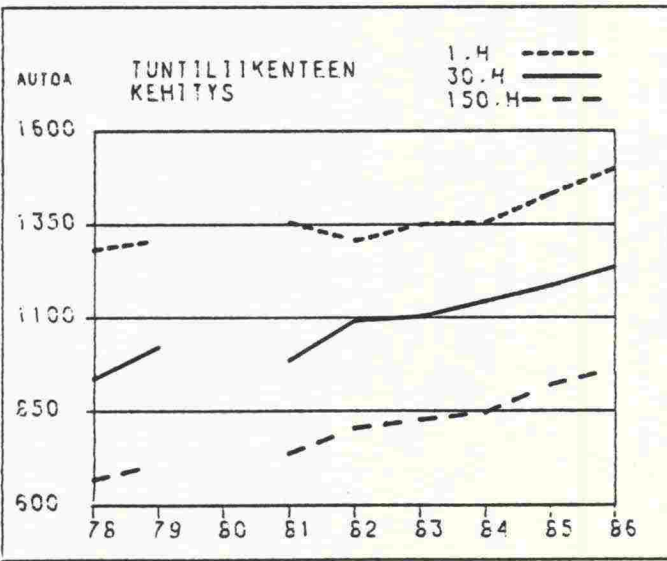
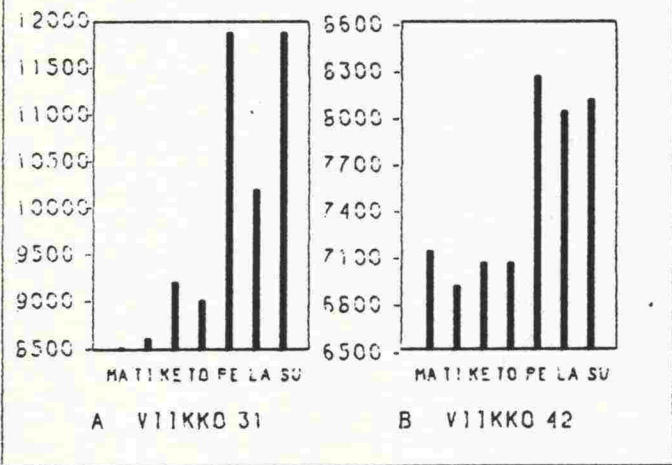
ARKILIIKENTEEN KOOSTUMUS

HA 81 % PA 8 %
LA 1 % KAIP 4 %
KAPP 2 % KATP 4 %



H	D	PE-SU (• KERTYMA)	HTK
1	1500	100	0.1
30	1236	93	1.5
100	1050	95	4.4
150	962	96	6.2
300	792	89	10.9
1000	611	60	28.5
5000	230	40	69.8

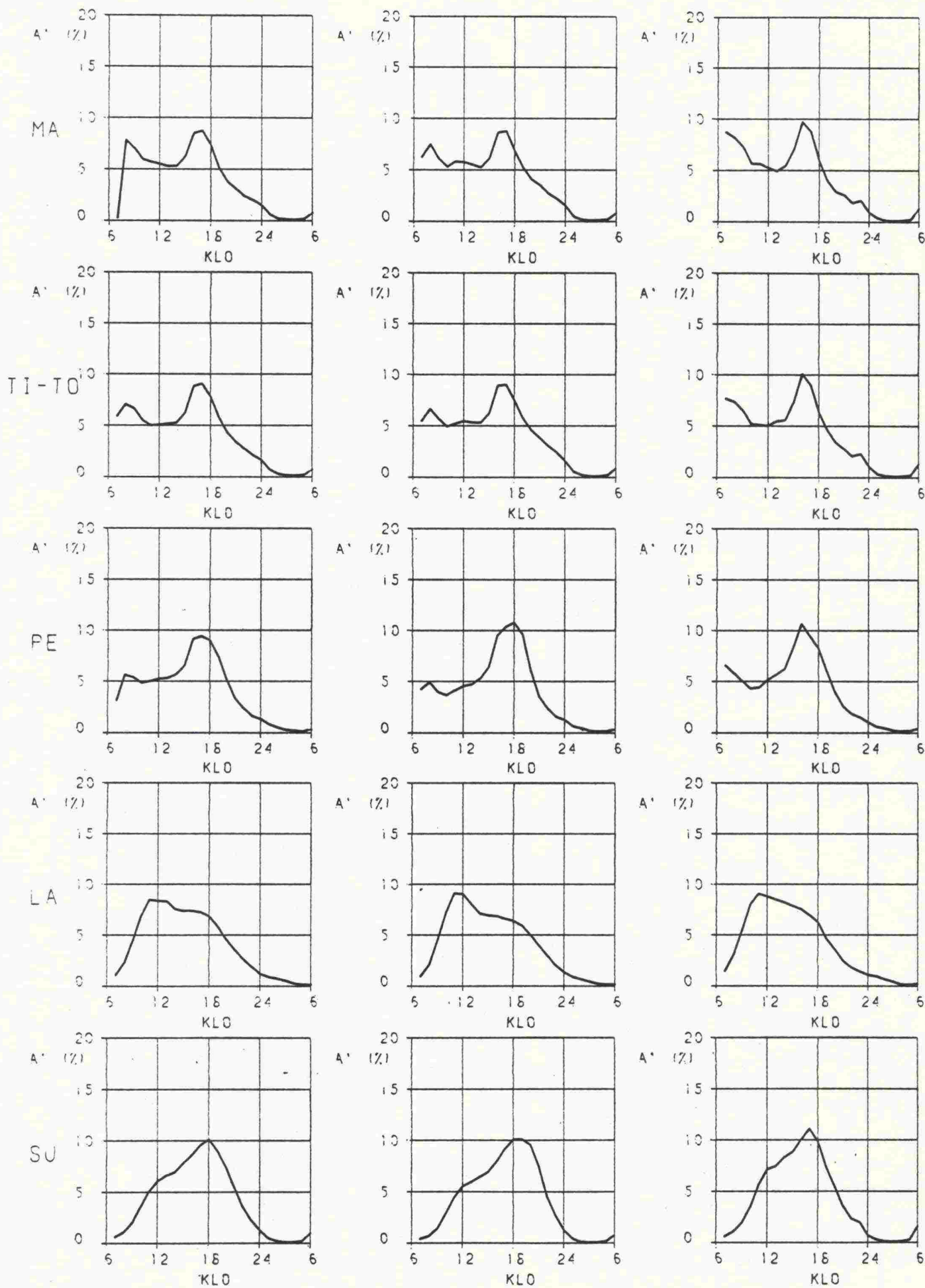
(•) MONTAKO ? KO ENSIMMAISISTA TUNNEISTA OSUU PE-SUALLE



HELMIKUU

HEINAKUU

LOKAKUU

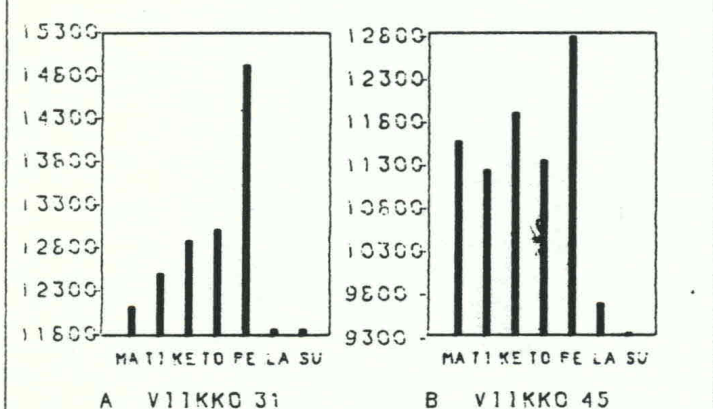
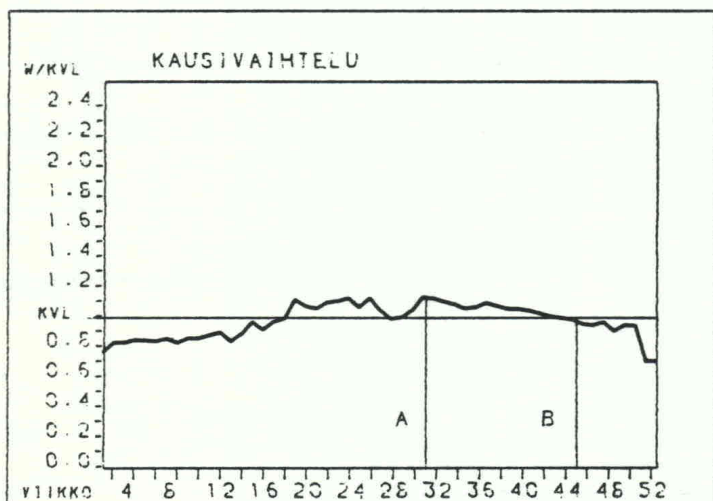
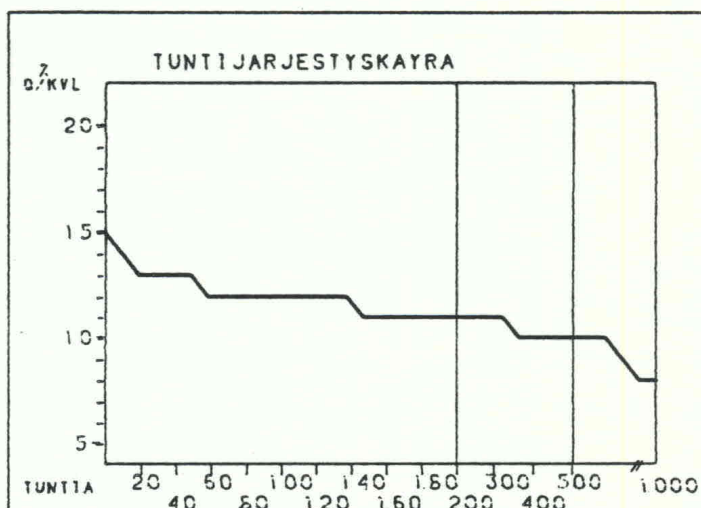
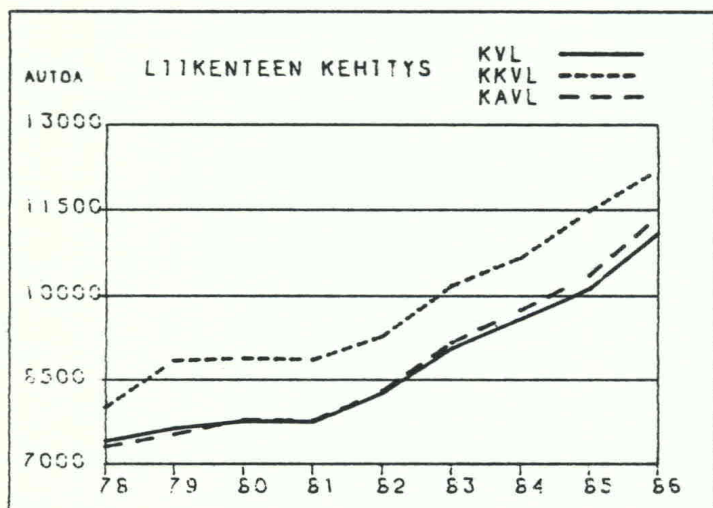
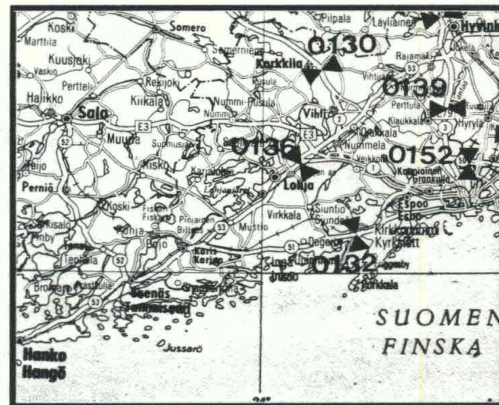


136PERTTILÄ-LIEVIO 1986
VT53 TIEOSA 22 ETAISYYS 3.0 KM

KVL 11088 B' (SU/KESA) 0.89
KAVL 11389
KKVL 12204 D' 1.10

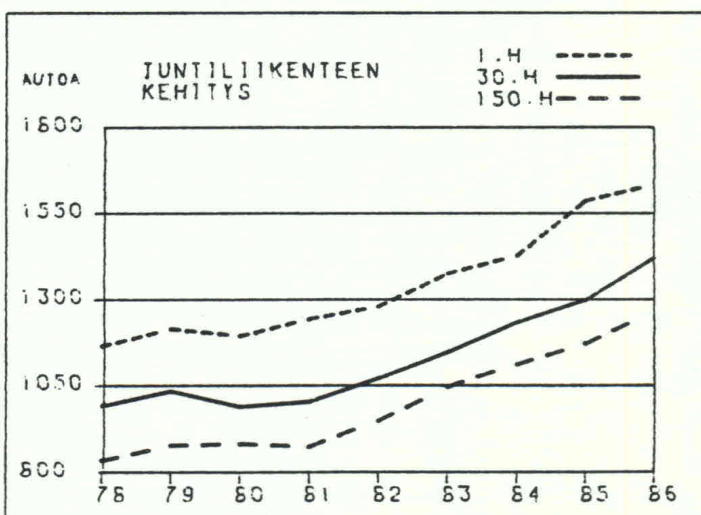
ARKILIIKENTEEEN KOOSTUMUS

HA 80 % PA 8 %
LA 1 % KAIP 5 %
KAPP 1 % KATP 5 %



H	Q	PE-SU (KERTYMA)	HTK
1	1634	100	0.0
30	1420	83	1.1
100	1317	40	3.5
150	1265	34	5.1
300	1132	36	9.5
1000	886	40	26.5
5000	354	40	88.8

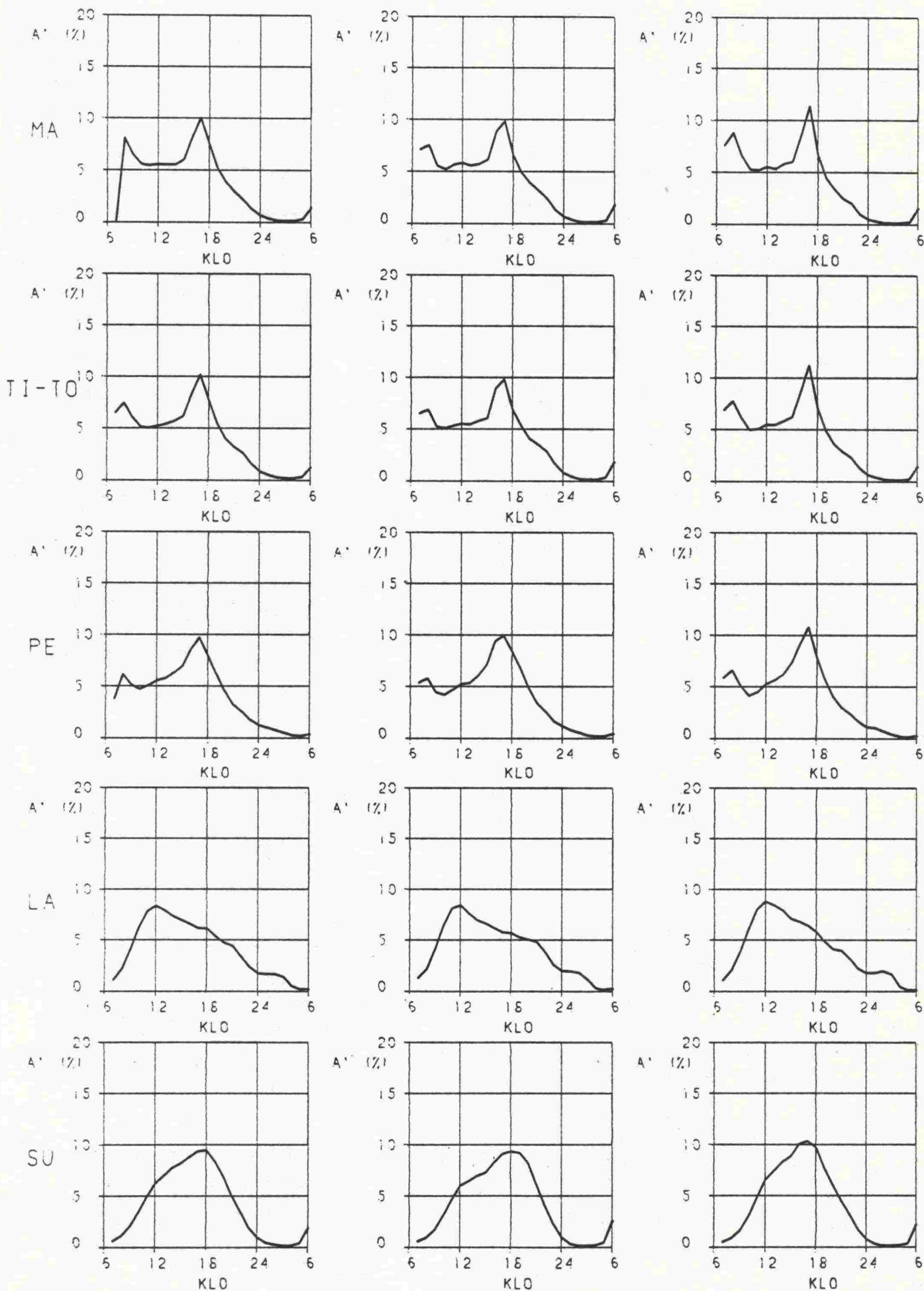
(*) MONTAKO 2 KO ENSIMMAISISTA TUNNEISTA OSUU PE-SU:ILLE



HELMIKUU

HEINAKUU

LOKAKUU



139KL AUKKALA

1986

VT3

TIEOSA 105 ETAISYYS 3.0KM

KVL 12469

B' (SU/KESA) 1.01

KAVL 12587

KKVL 13086

D' 1.04

ARKILIIKENTEEN KOOSTUMUS

HA 78 %

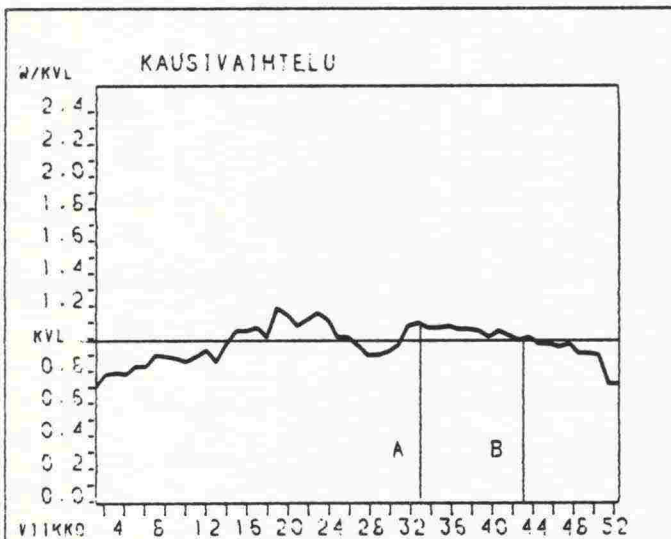
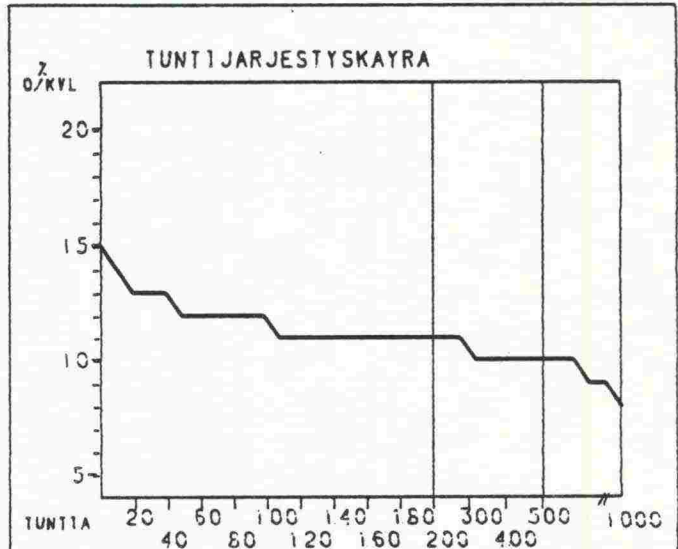
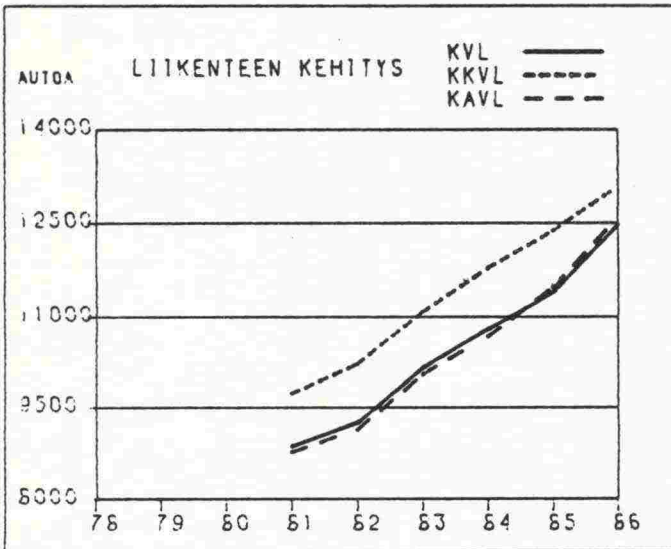
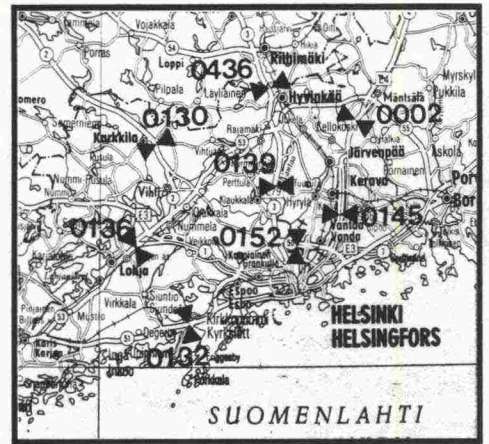
PA 8 %

LA 2 %

KAIP 4 %

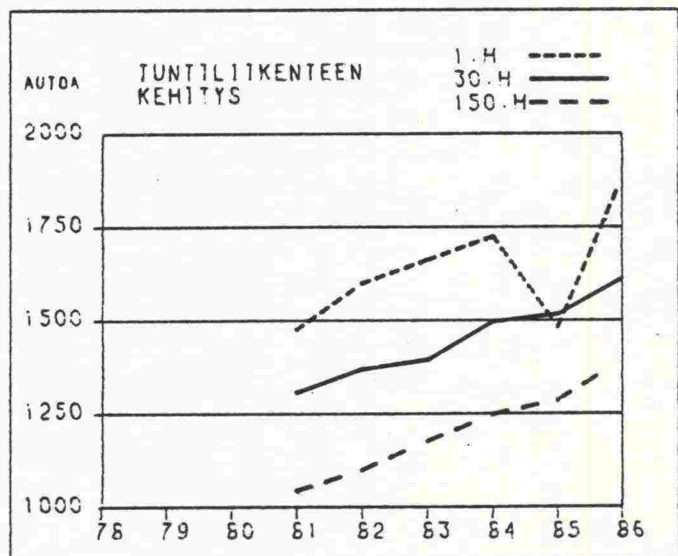
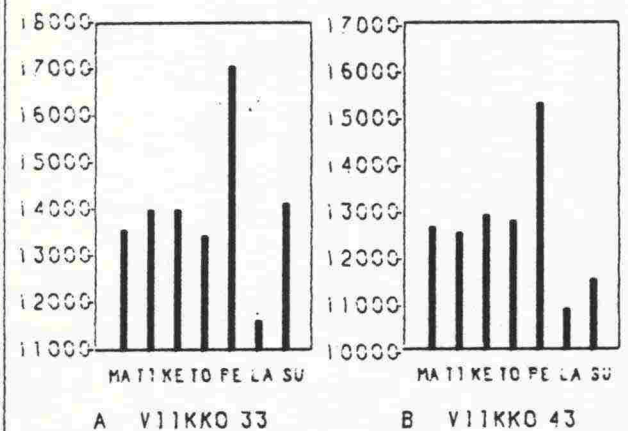
KAPP 2 %

KATP 6 %



H	D	PE-SU (+KERTYMA)	HTK
1	1880	100	0.0
30	1612	86	1.1
100	1447	75	3.5
150	1391	63	5.0
300	1262	52	9.4
1000	1011	40	26.6
5000	403	40	87.8

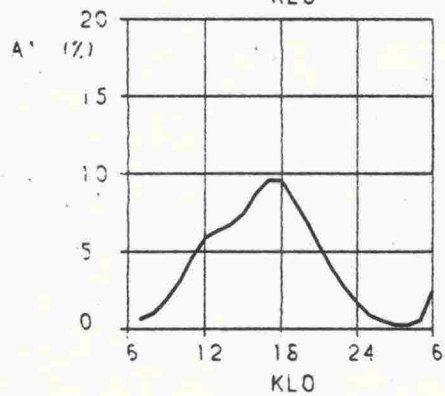
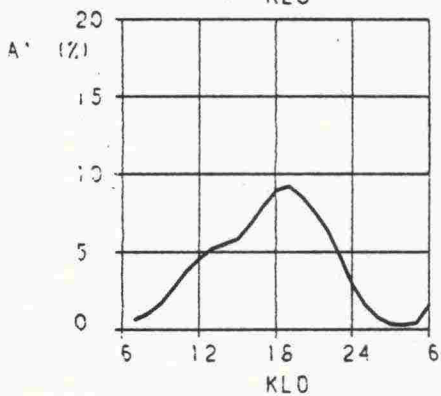
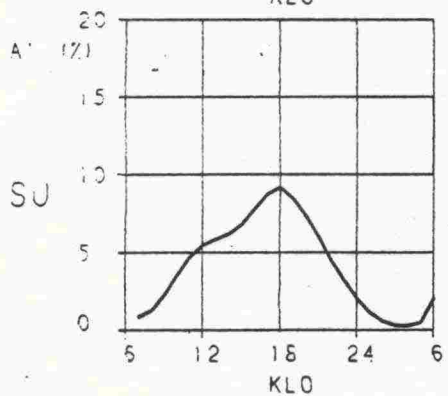
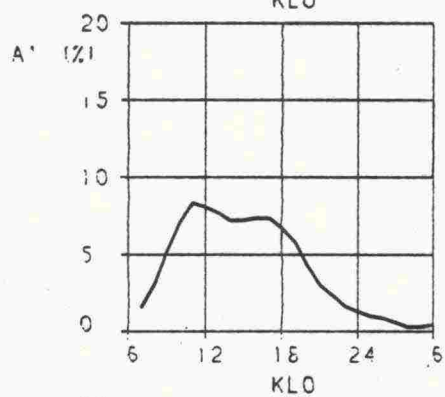
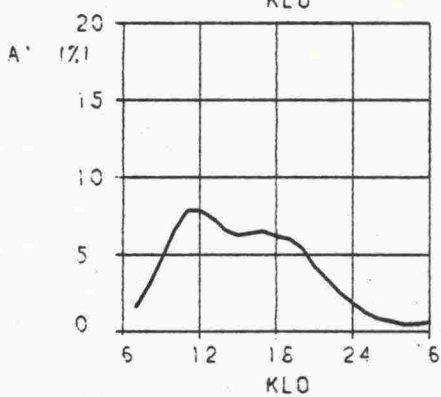
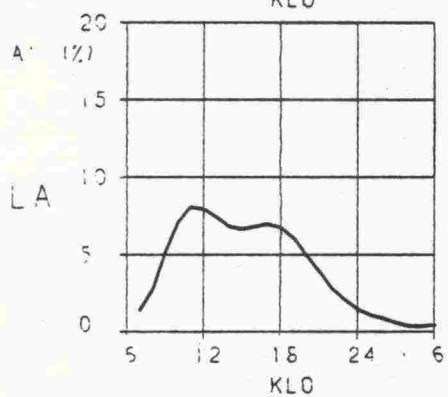
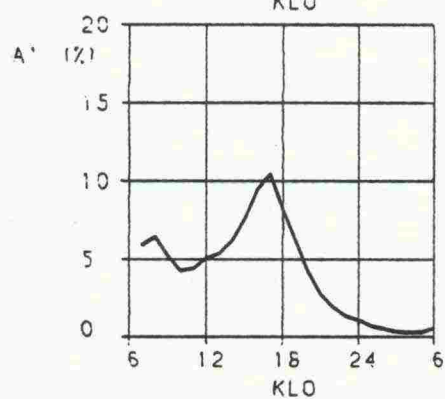
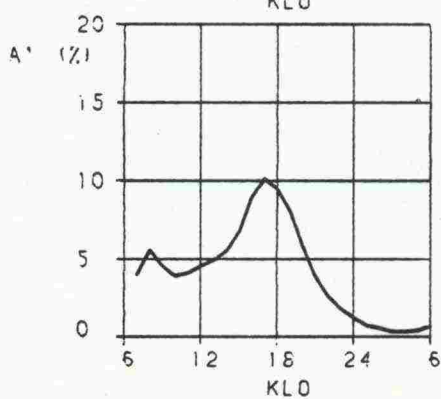
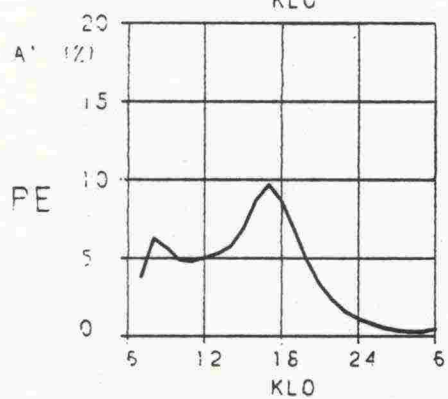
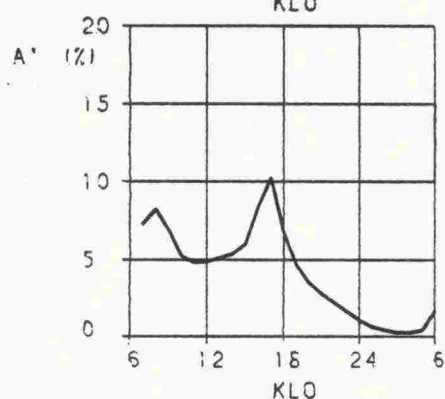
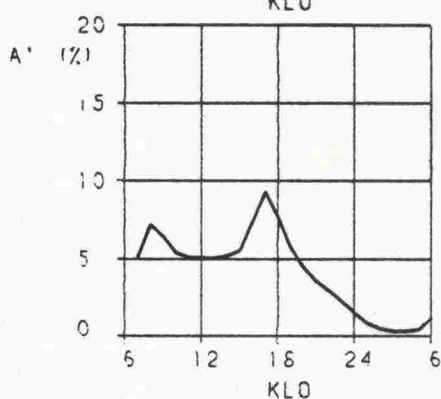
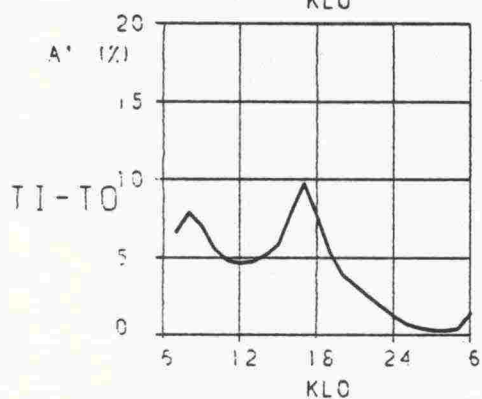
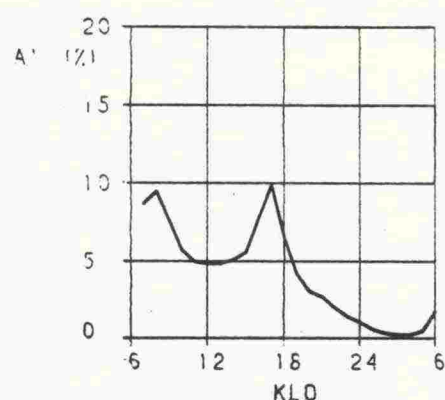
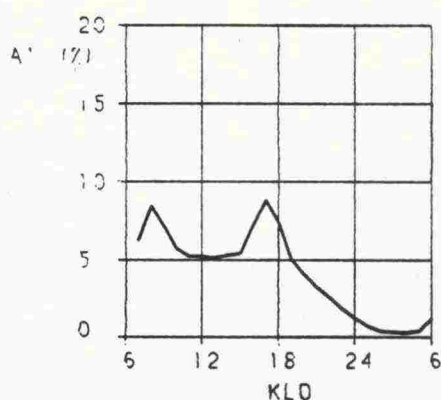
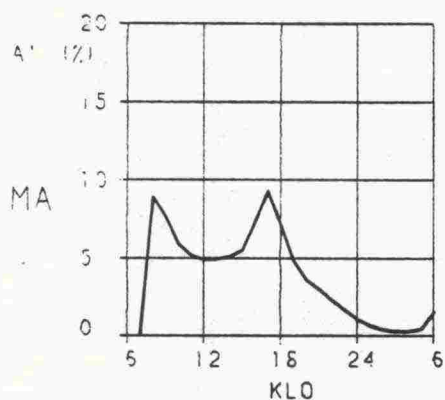
(+) MONTAKO Z KO-ENSIMMAISISTA TUNNEISTA OSUU PE-SU-ALLE



HELMIKUU

HEINAKUU

LOKAKUU



145VAARALA

1986

VT4

TIEOSA 104 ETAISYYS 2.5 KM

KVL 28114

B' (SU/KESA) 0.85

KAVL 30035

KKVL 28317

D' 1.00

ARKILIIKENTEEN KOOSTUMUS

HA 83 %

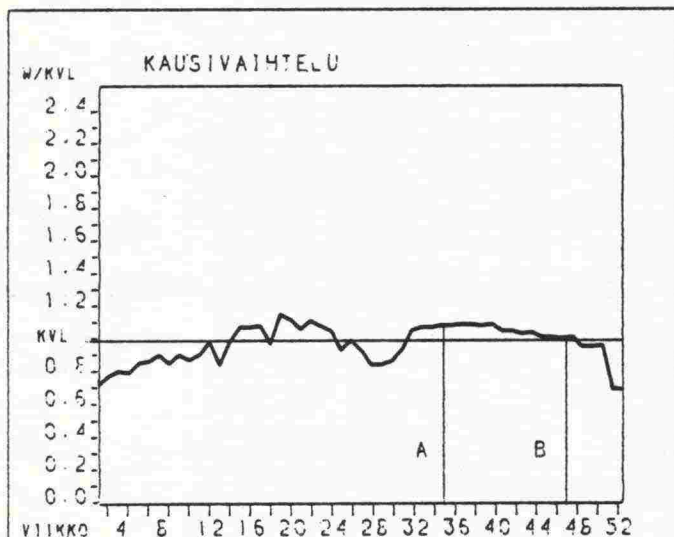
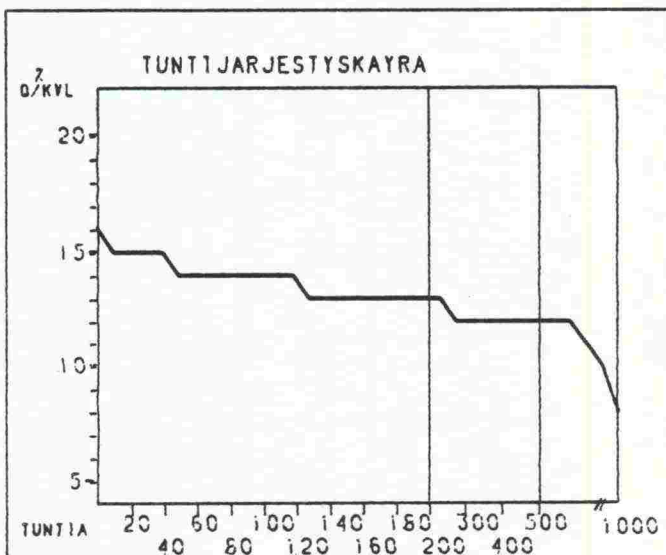
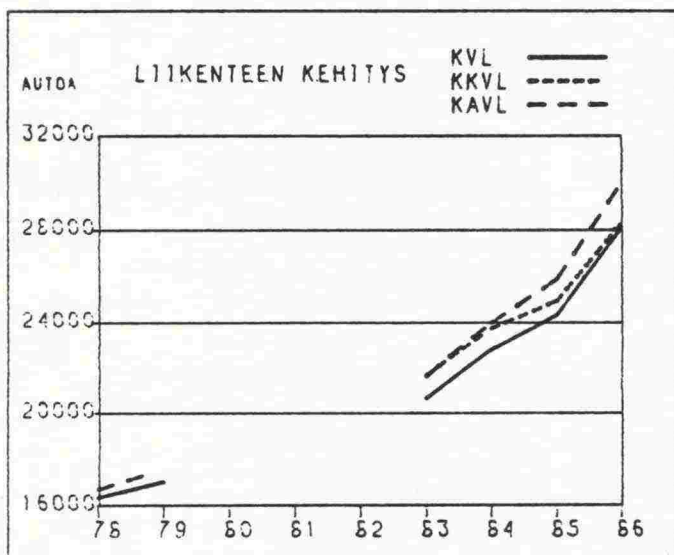
PA 8 %

LA 1 %

KAIP 4 %

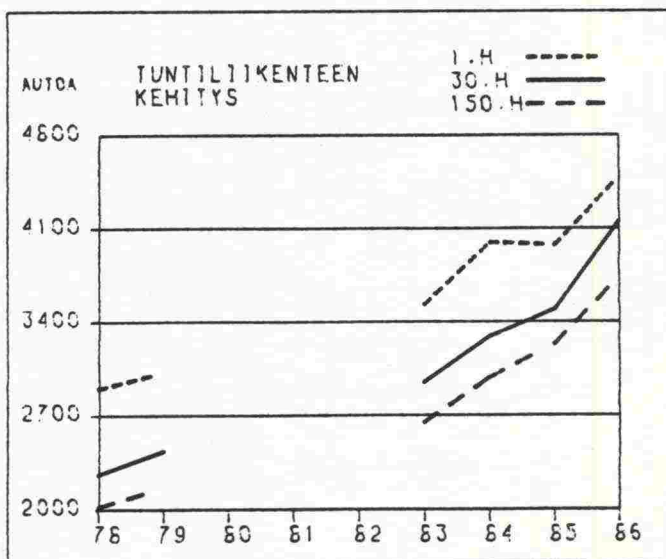
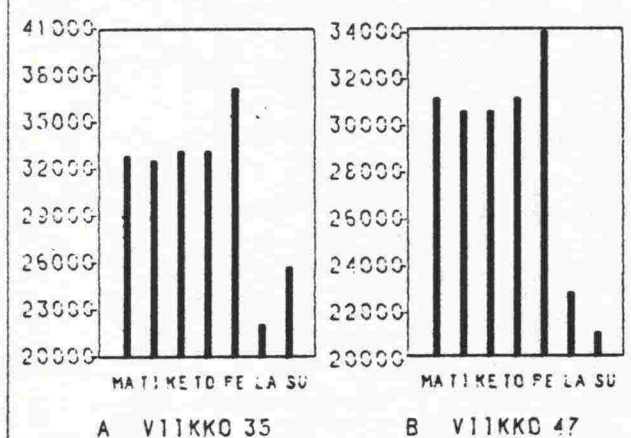
KAPP 1 %

KATP 3 %



H	Q	PE-SU (•) KERTYMA	HTK
1	4485	0	0.0
30	4152	40	1.3
100	3841	42	4.0
150	3736	31	5.6
300	3379	26	11.0
1000	2355	25	30.6
5000	920	39	87.6

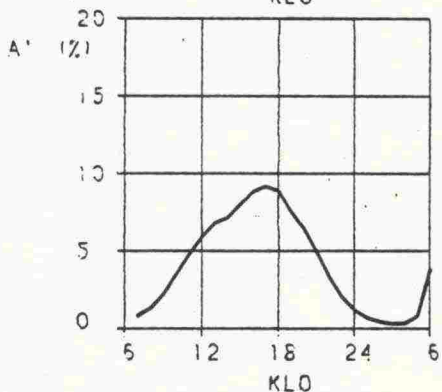
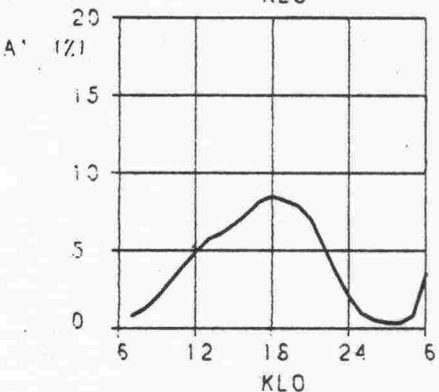
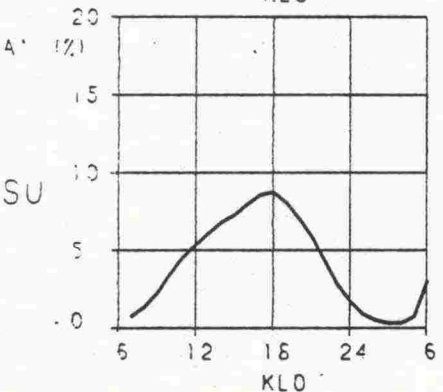
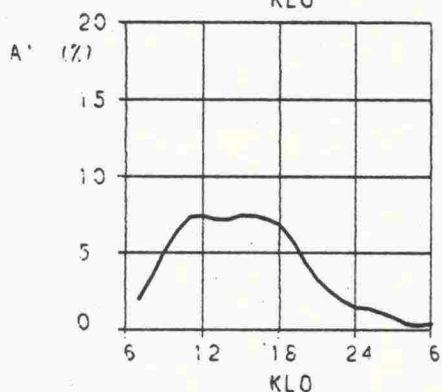
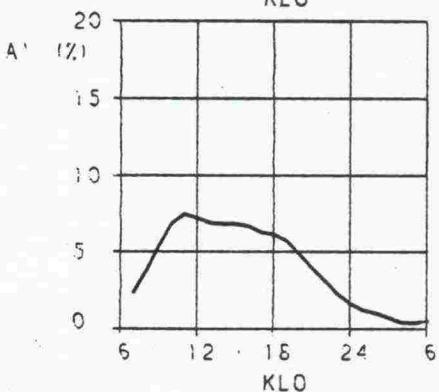
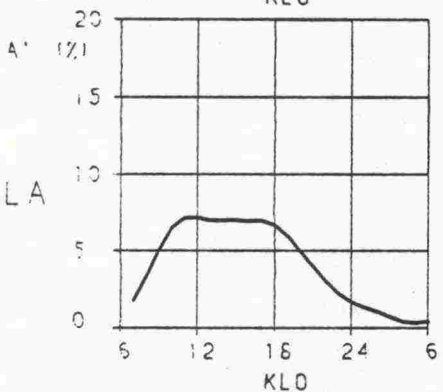
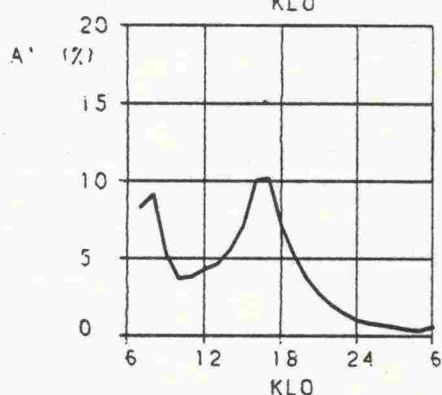
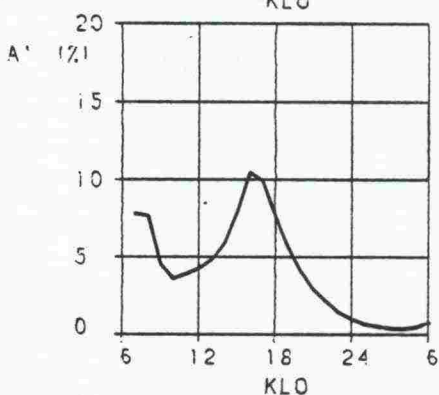
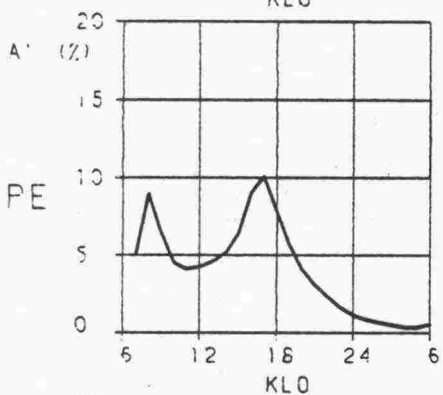
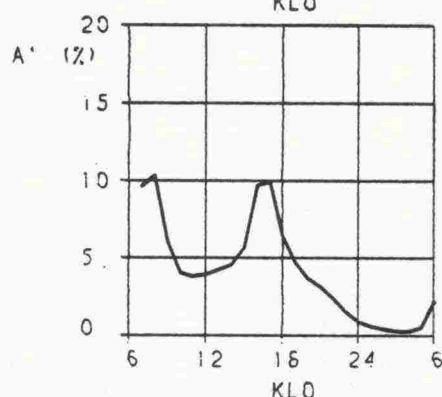
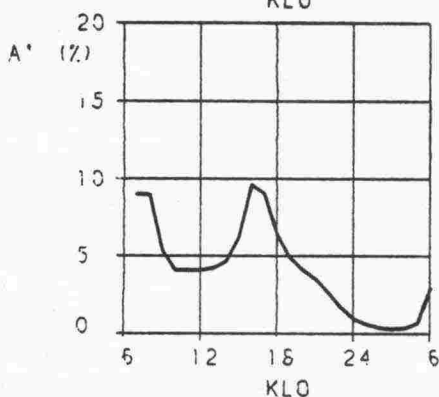
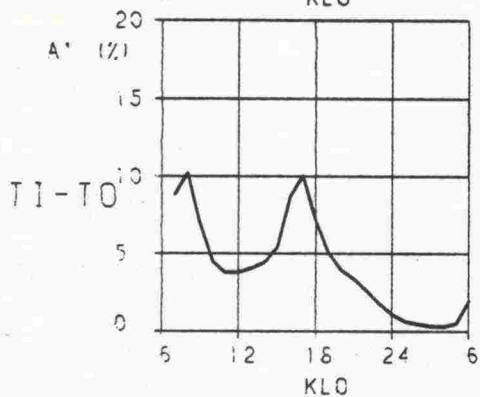
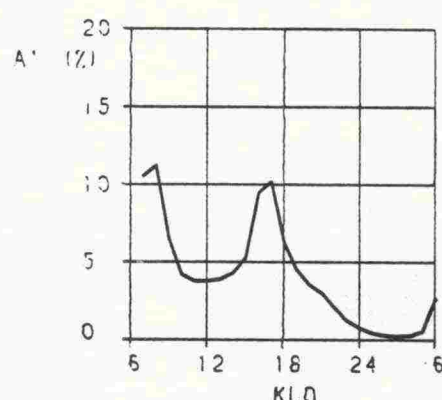
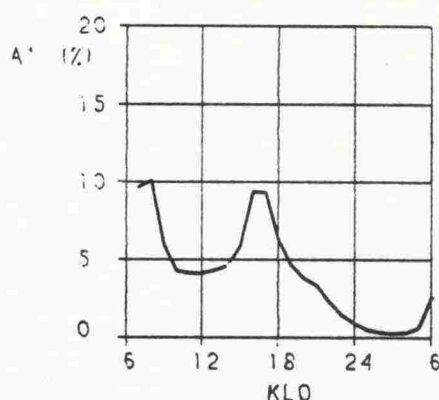
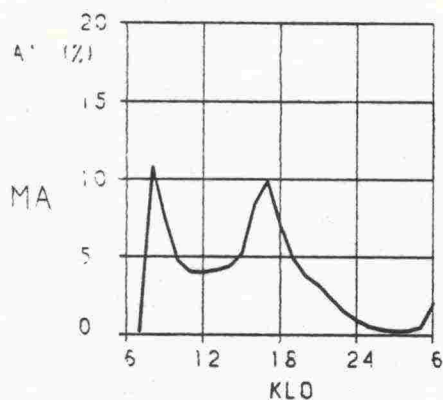
(•) MONTAKO 2 KO-ENSIMMAISISTA TUNNEISTA OSUU PE-SU:ILLE



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147KOSKENKYLÄ

1986

VT7 TIEDOSA 15 ETAISYYS 3.1 KM

KVL 9355 B' (SU/KESA) 1.31

KAVL 8253

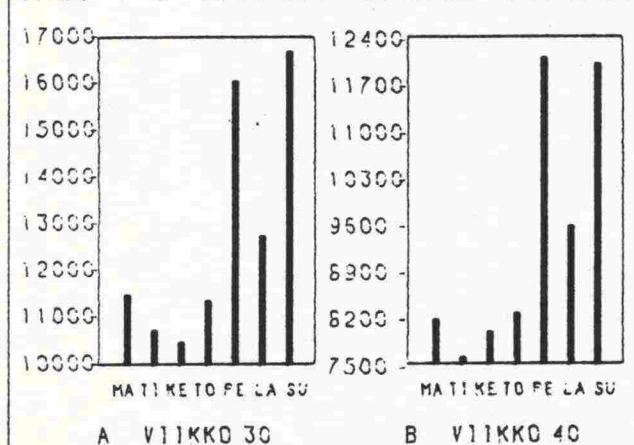
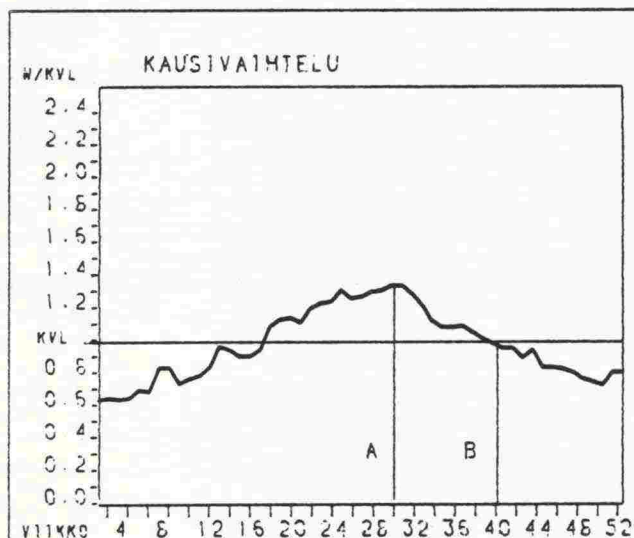
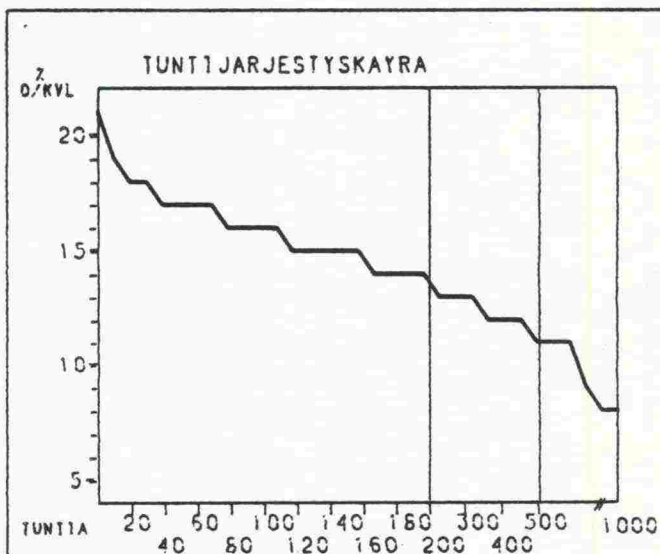
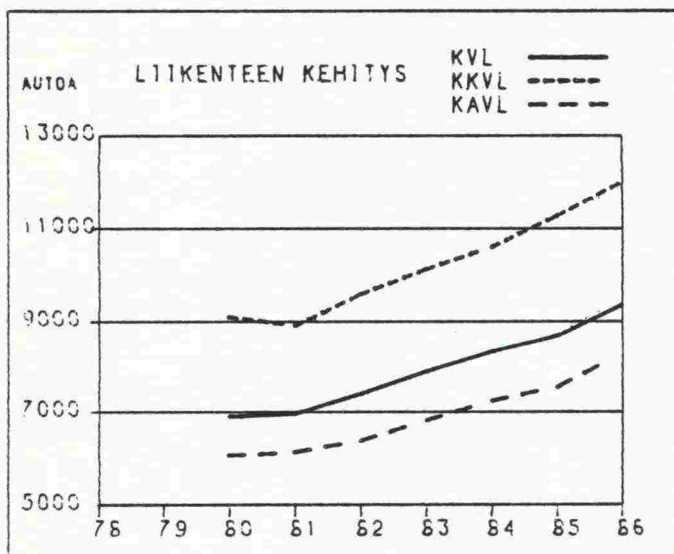
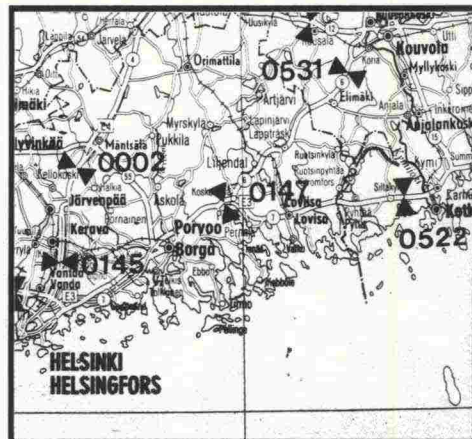
KKVL 12007 D' 1.28

ARKILIIKENTEEN KOOSTUMUS

HA 76 % PA 6 %

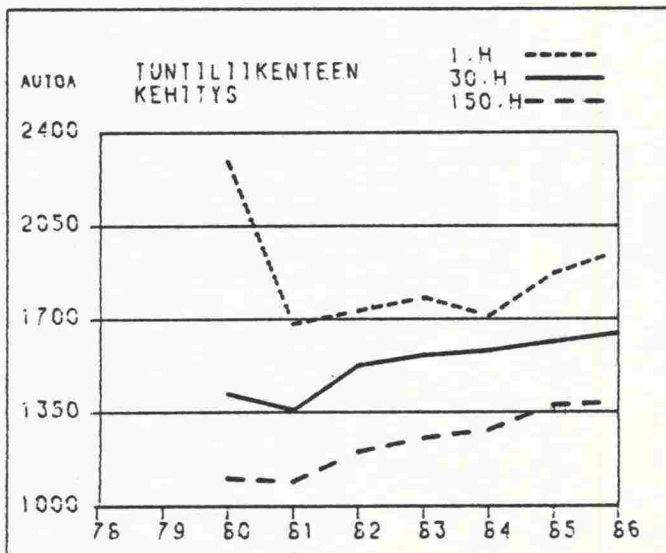
LA 2 % KAIP 5 %

KAPP 4 % KATP 7 %



H	O	PE-SU (*KERTYMA)	HTK
1	1952	100	0.1
30	1645	96	1.5
100	1493	97	4.7
150	1386	92	6.6
300	1122	93	12.3
1000	719	79	29.6
5000	304	42	87.6

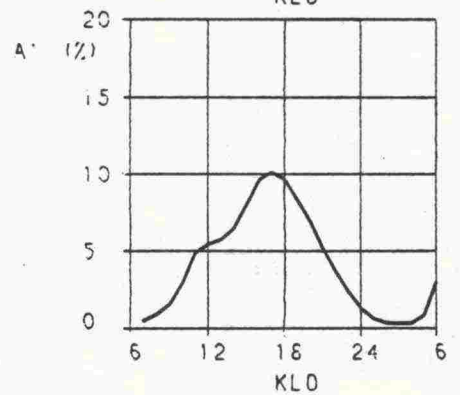
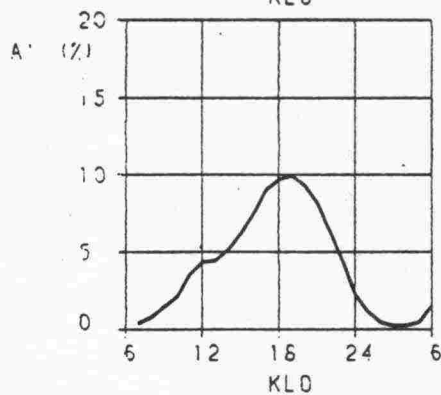
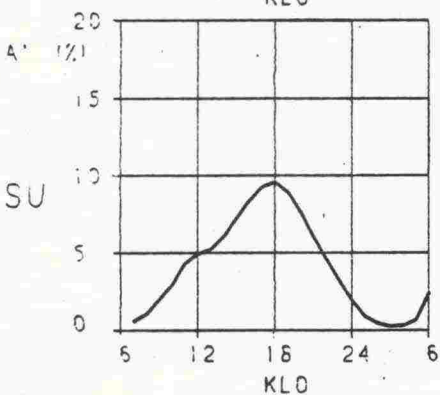
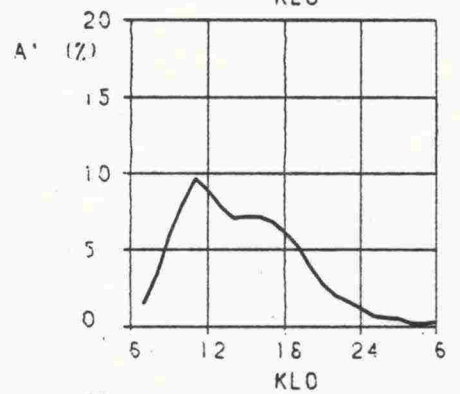
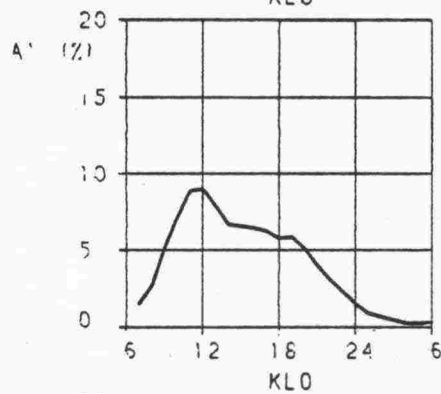
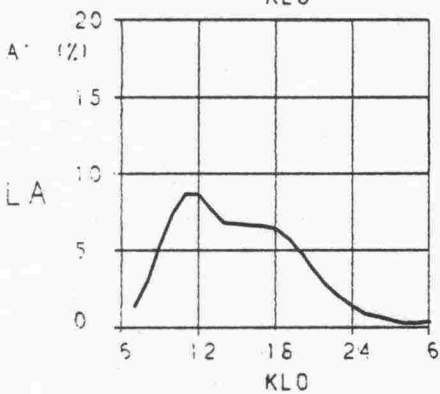
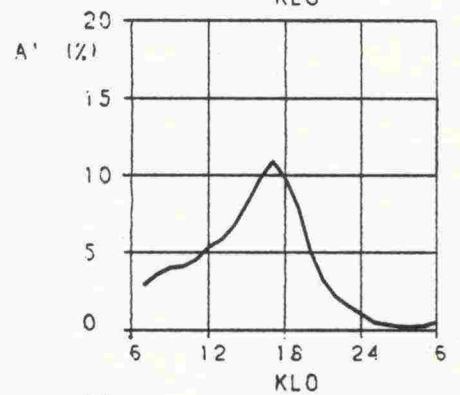
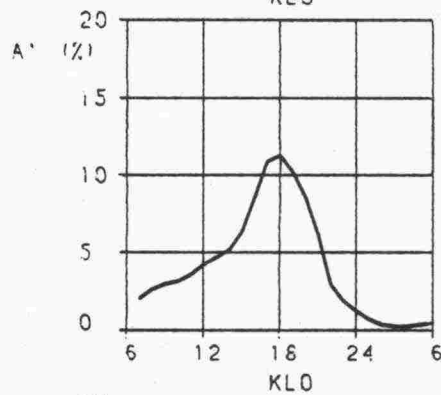
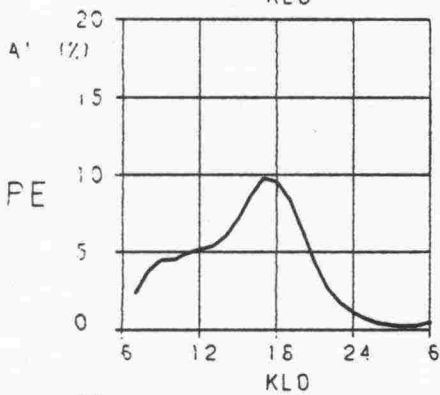
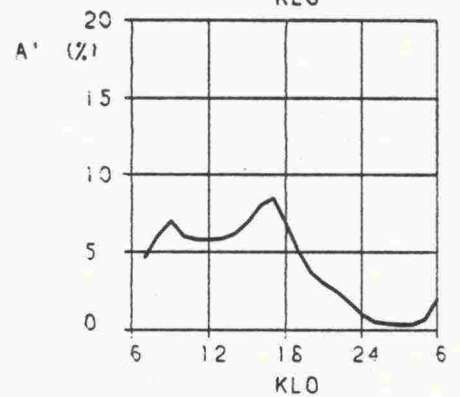
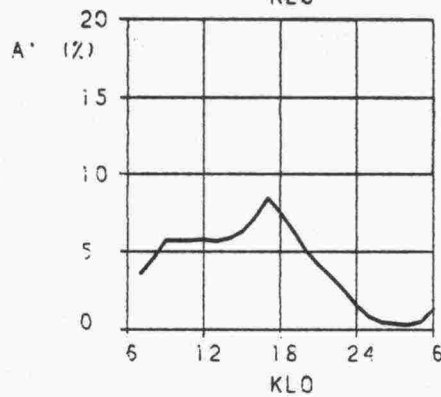
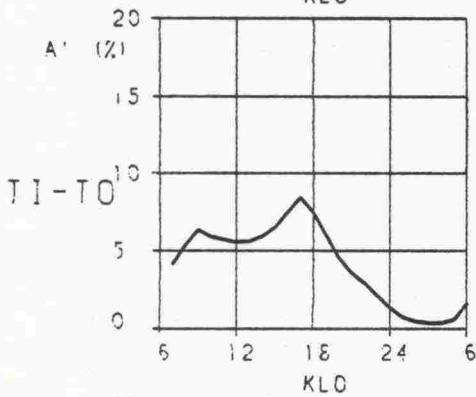
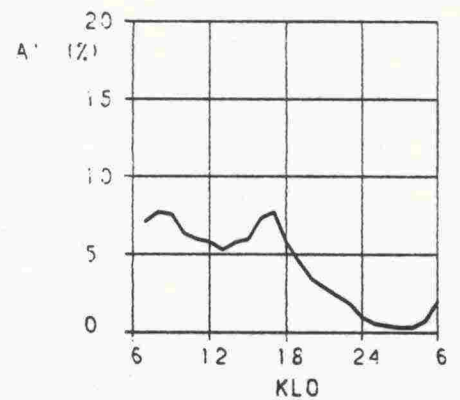
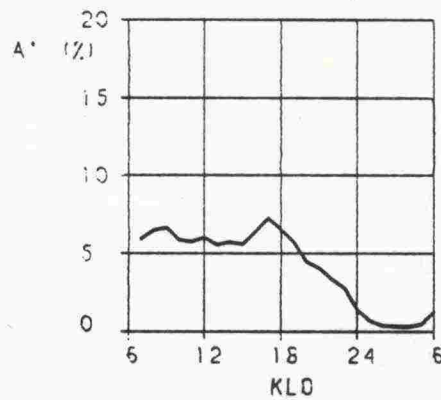
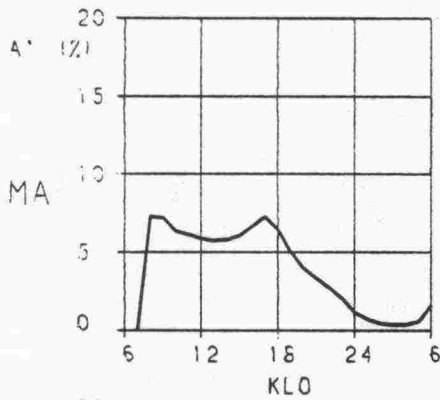
(*) MONTAKO 2 KO-ENSIMMAISISTA TUNNEISTA OSUU PE-SU:ALLE



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152KEHÄ-III VEROMIES 1986

KT50 TIEOSA 6 ETAISYYS 4.1 KM

KVL 26563 B' (SU/KESA) 0.79

KAVL 28722

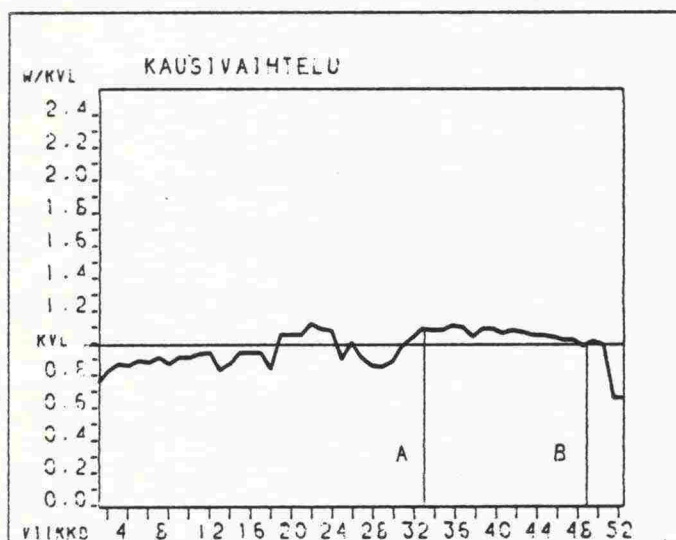
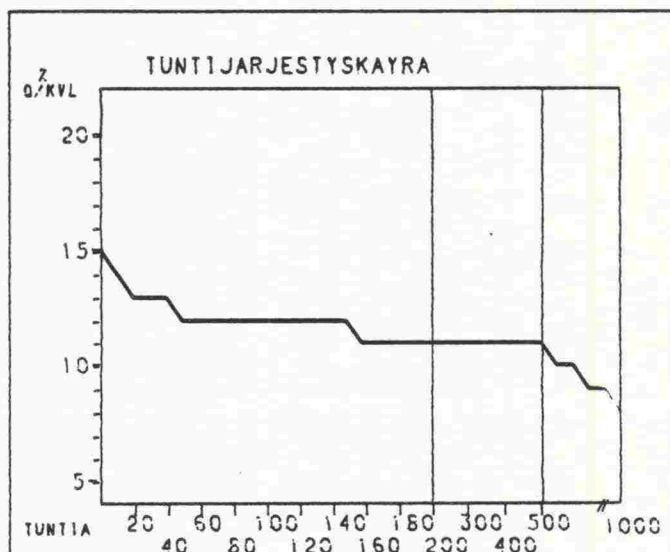
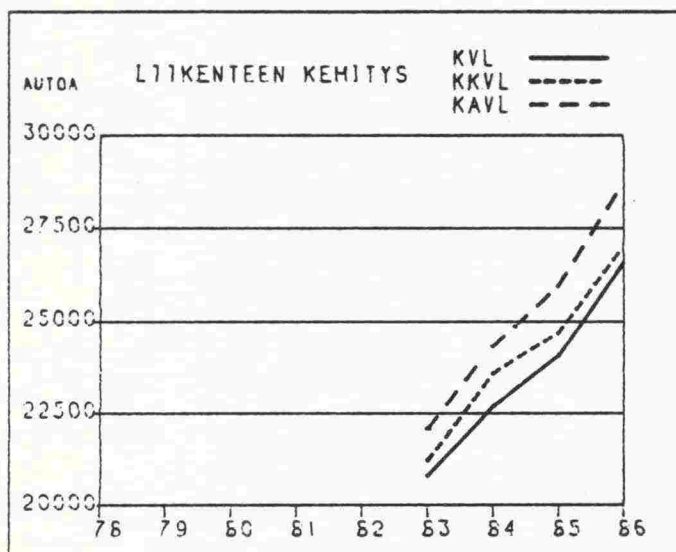
KKVL 27010 D' 1.01

ARKILIIKENTEEN KOOSTUMUS

HA 75% PA 10%

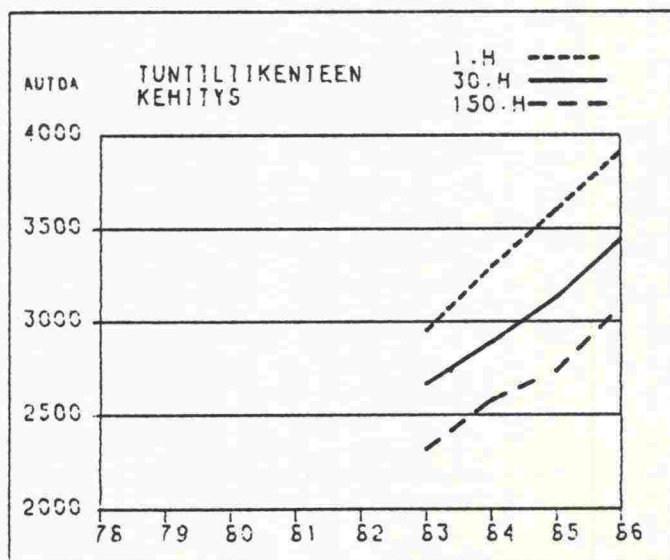
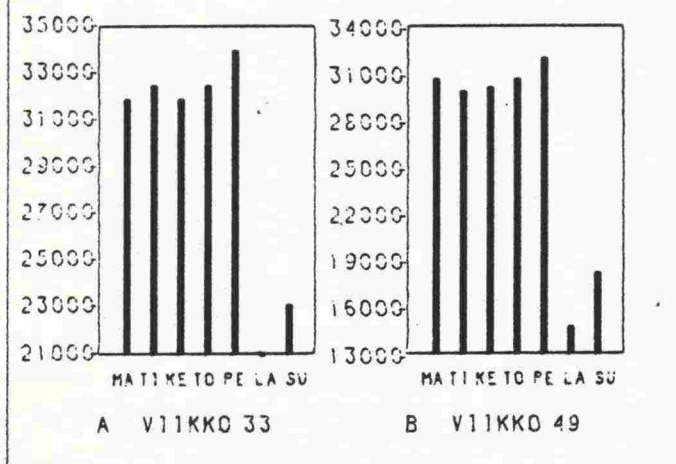
LA 1% KAIP 9%

KAPP 1% KATP 4%



H.	Q	PE-SU (•)	KERTYMA	HTK
1	3914	100	0.0	-
30	3441	80	1.1	-
100	3162	41	3.5	0.82
150	3075	31	5.1	-
300	2864	23	9.7	0.88
1000	2093	26	27.4	0.98
5000	813	38	88.3	0.95

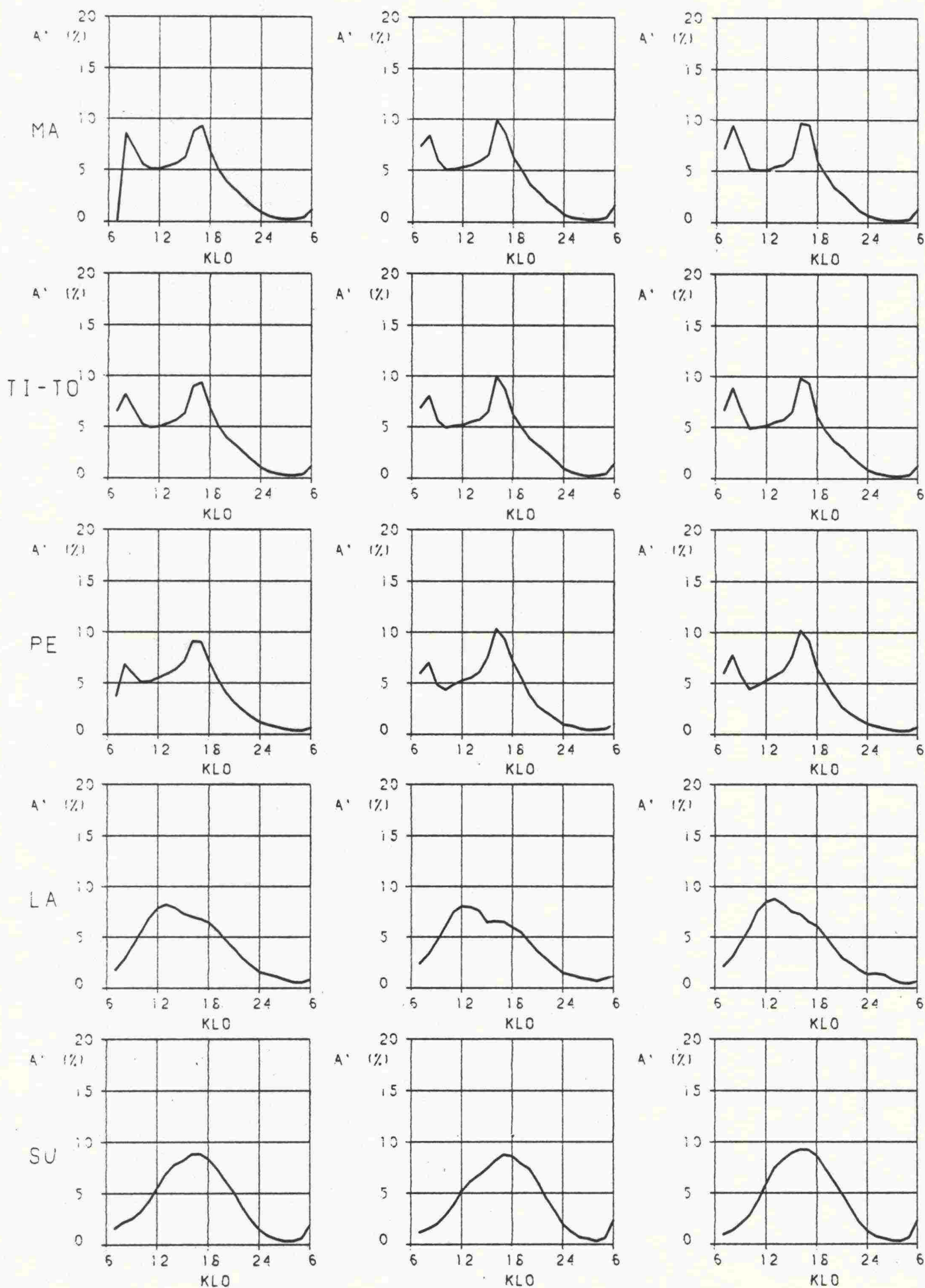
(•) MONTAKO 2 KO-ENSIMMAISISTA TUNNEISTA OSUUS PE-SU:LLA



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224KAARINA

1986

MT180 TIEDOSA 1 ETAISYYS 3.2 KM

KVL 7139 B' (SU/KESA) 0.95

KAVL 7228

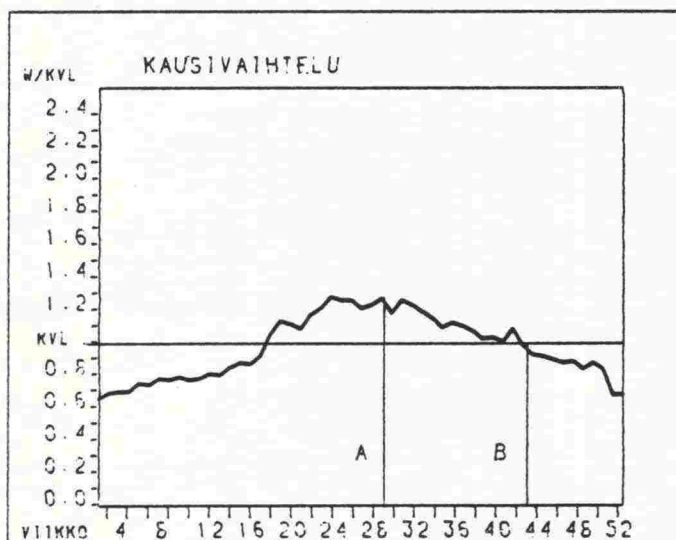
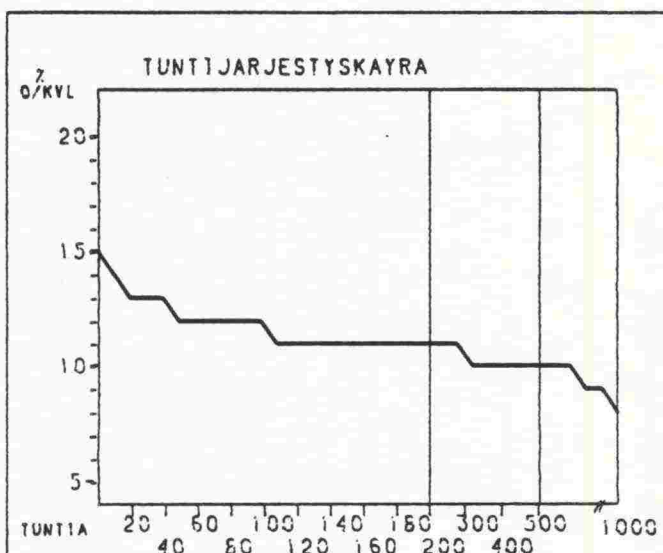
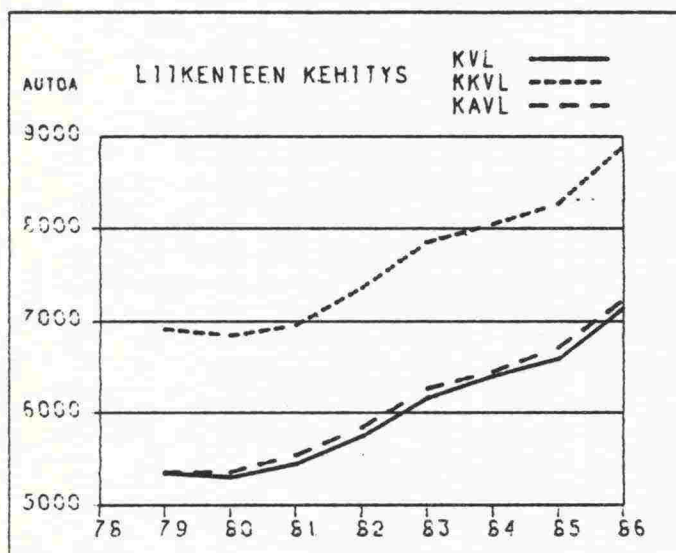
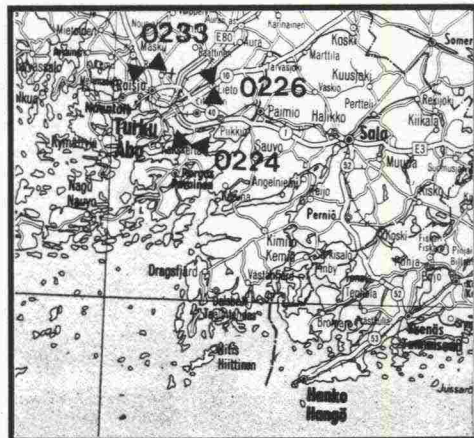
KKVL 8886 D' 1.24

ARKILIIKENTEEN KOOSTUMUS

HA 80 % PA 9 %

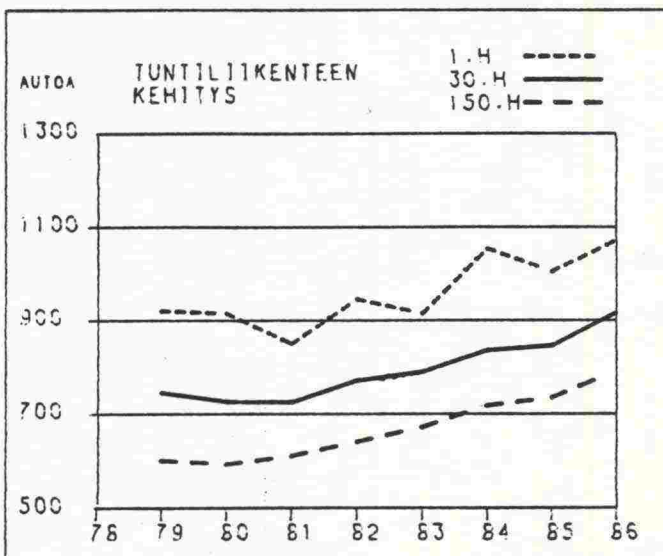
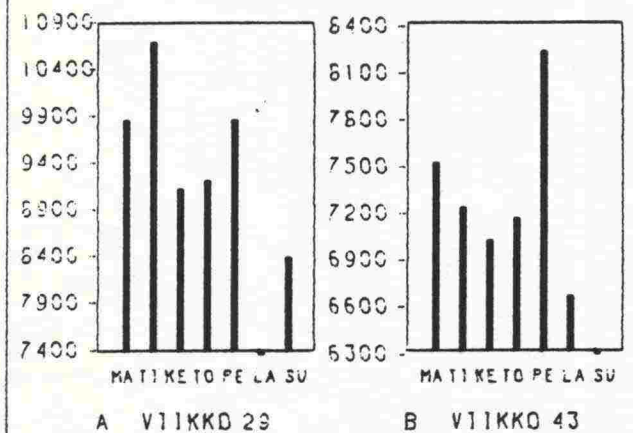
LA 2 % KAIP 5 %

KAPP 1 % KATP 3 %



H	Q	PE-SU (•KERTYMA	HTK
1	1071	0	0.0
30	916	80	1.1
100	826	69	3.4
150	791	64	5.0
300	728	56	9.3
1000	582	47	26.5
5000	239	39	89.4

(*) MONTAKO % KO-ENSIMMAISISTA TUNNEISTA OSUV PE-SU-LLE

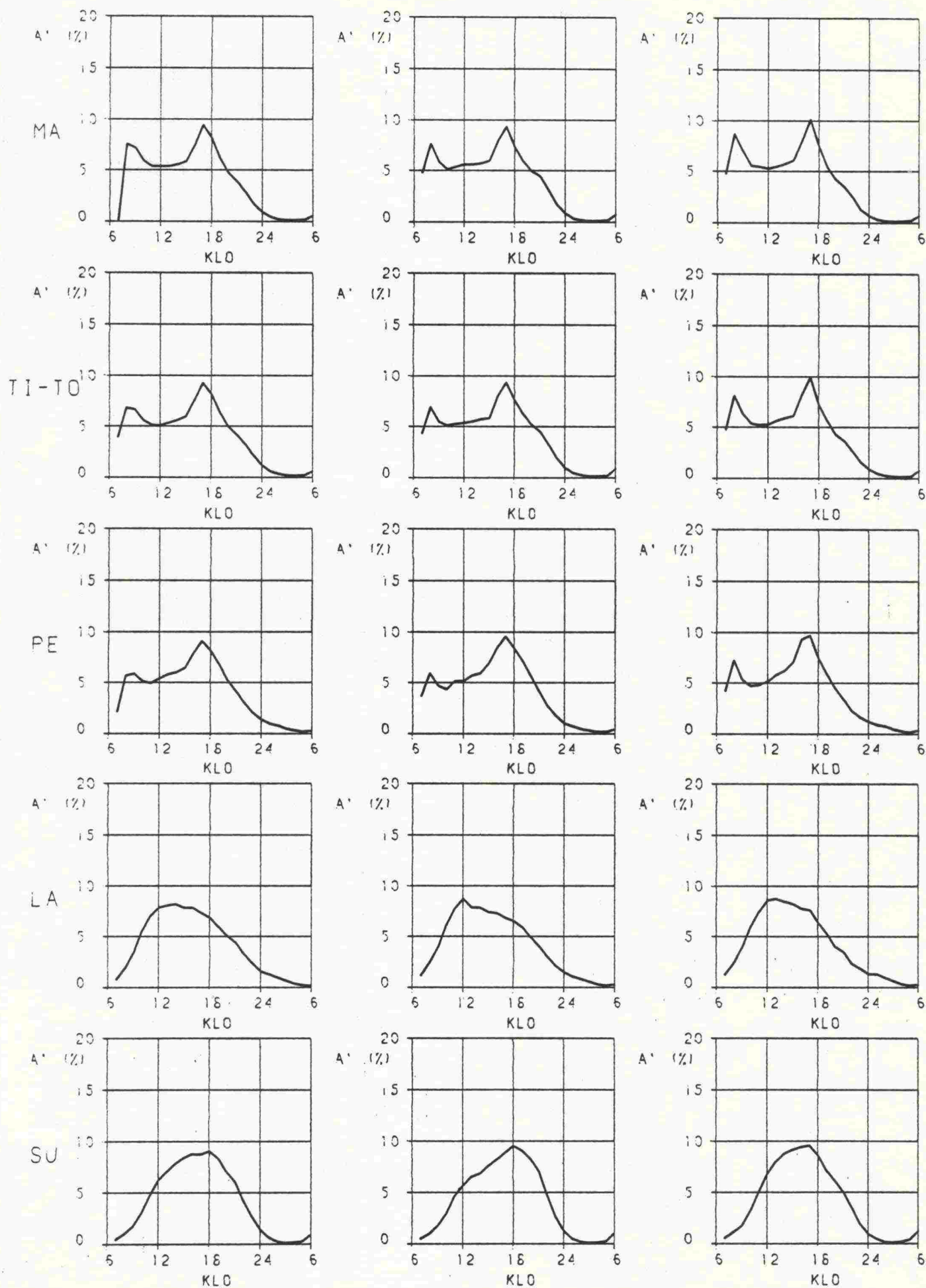


TUNTIVAIHTELUT

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226L IETO

1986

VT10

TIEOSA 2

ETAISYYS 5.1 KM

KVL 9031

B' (SU/KESA) 0.89

KAVL 9300

KKVL 9598

D' 1.06

ARKILIIKENTEN KOOSTUMUS

HA 81 %

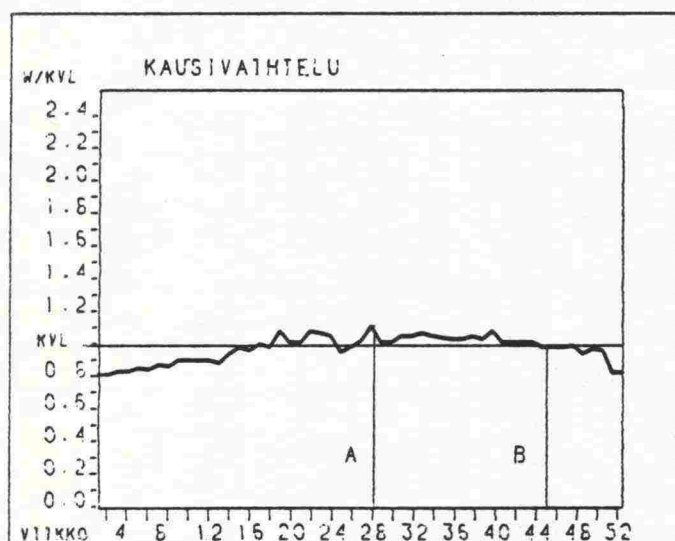
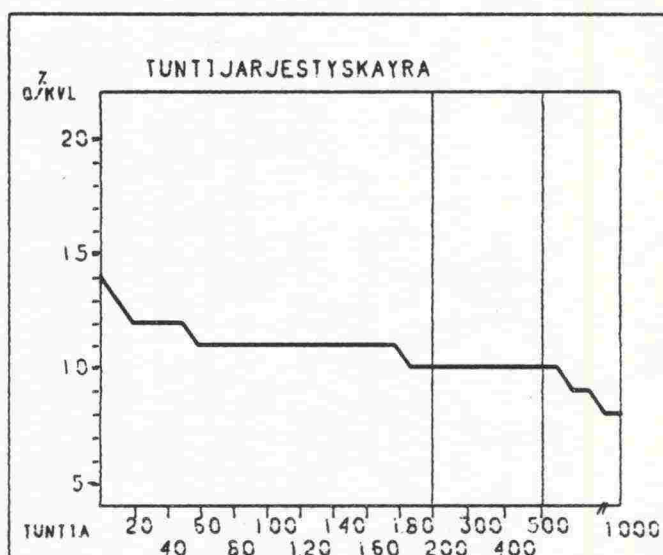
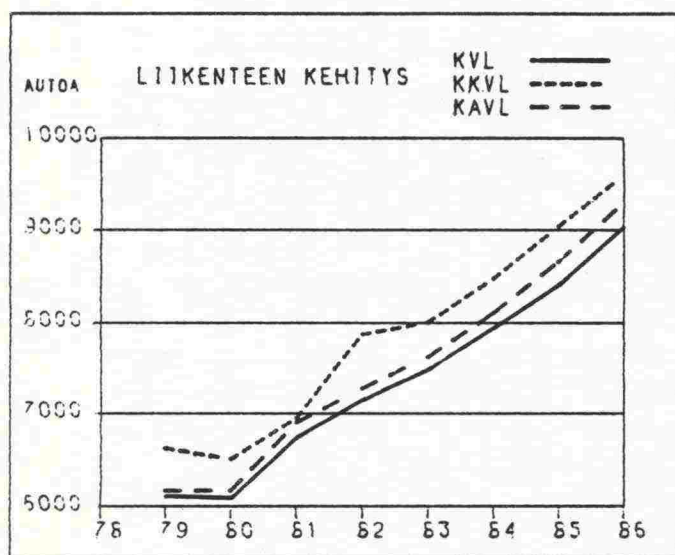
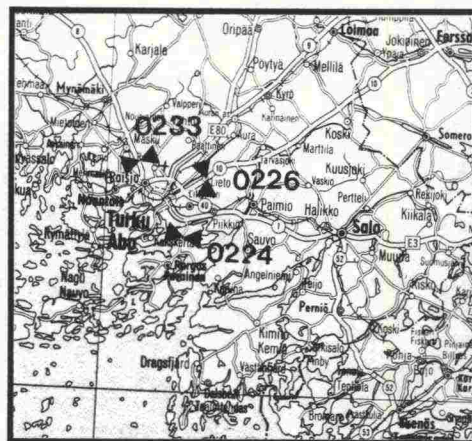
PA 8 %

LA 2 %

KAIP 5 %

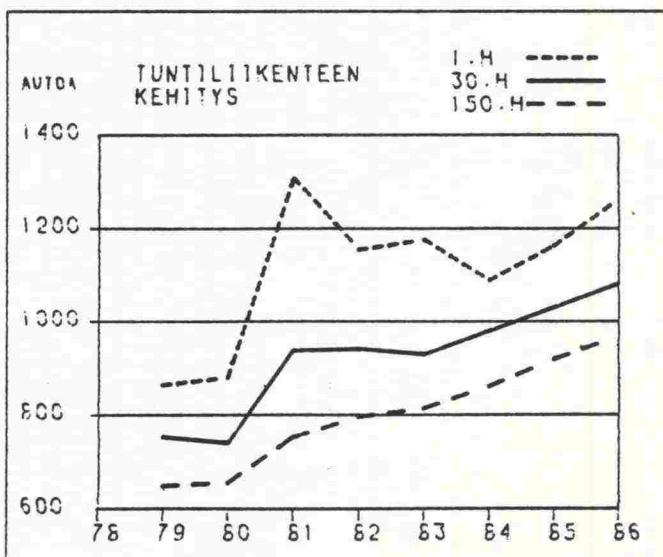
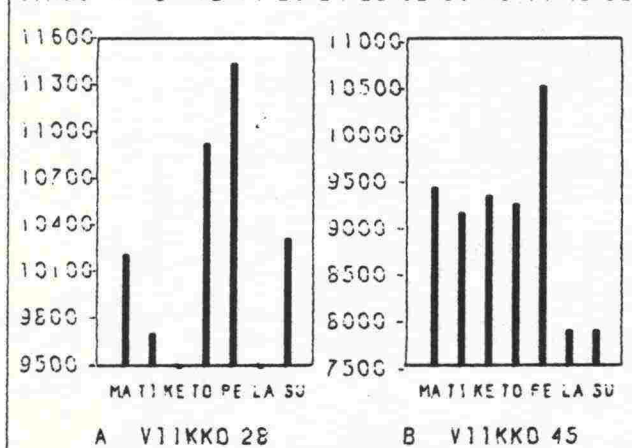
KAPP 1 %

KATP 3 %



H	Q	PE-SU (•)	KERTYMA	HTK
1	1261	100	0.0	0.88
30	1081	83	1.0	0.82
100	939	62	3.2	0.79
150	967	50	4.7	0.85
300	891	36	8.9	0.75
1000	700	33	25.3	0.91
5000	348	38	87.6	0.88

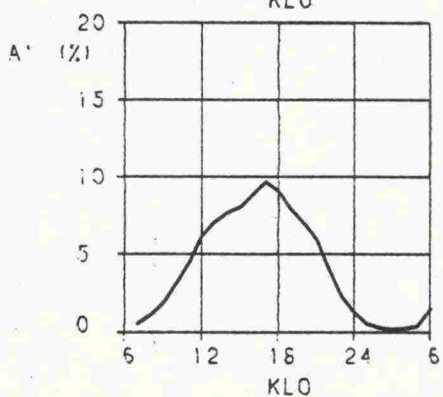
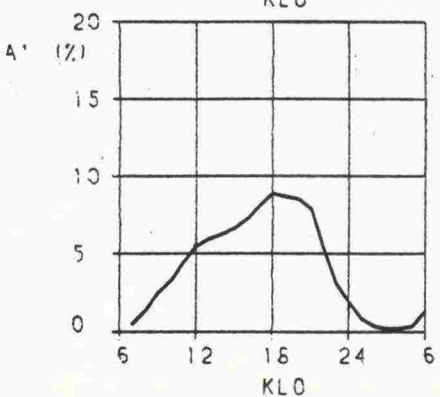
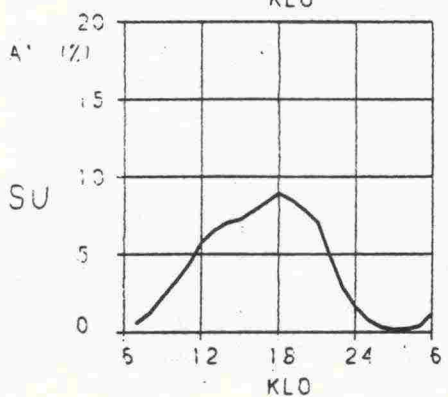
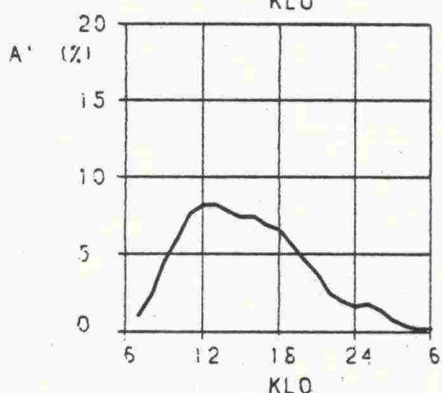
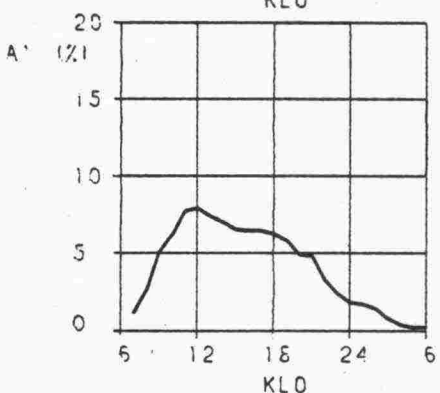
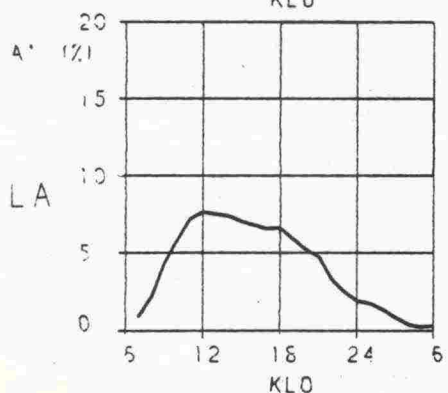
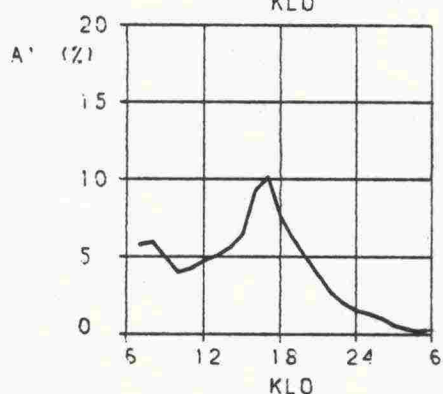
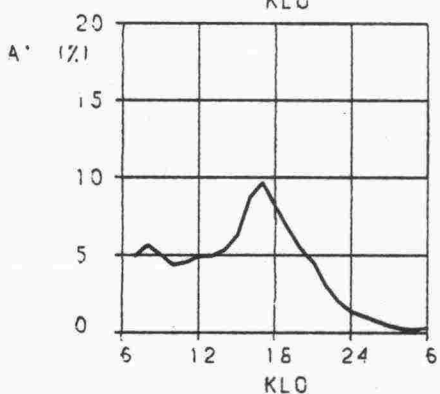
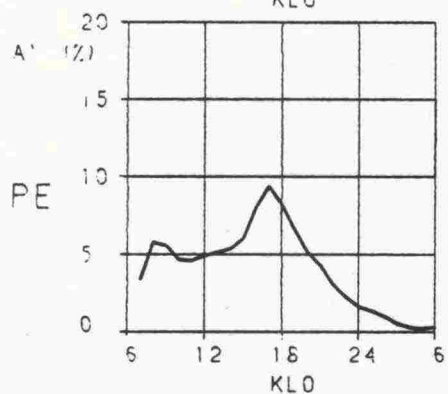
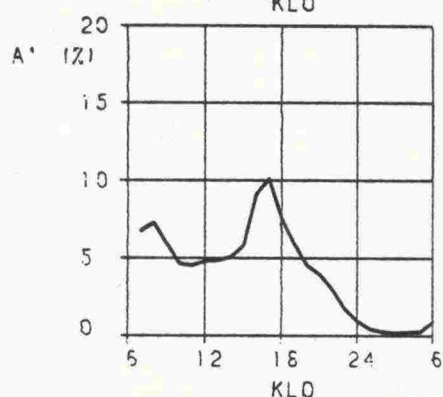
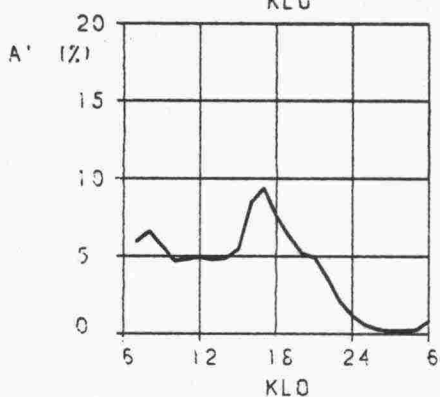
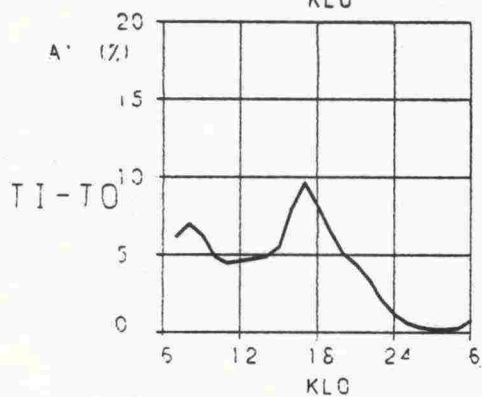
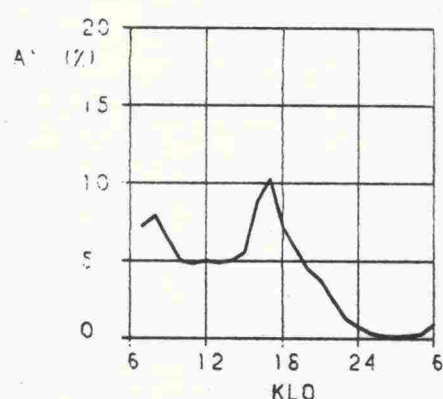
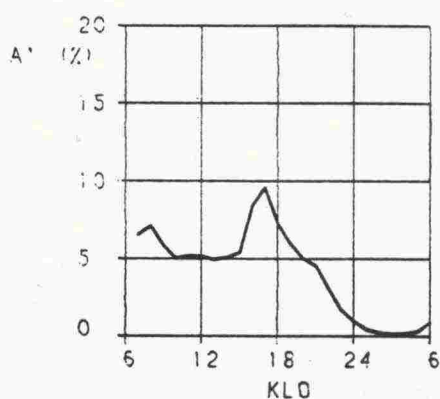
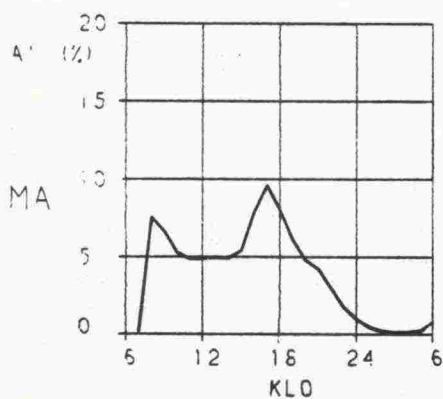
(*) MONTAKO 2 KO. ENSIMMAISISTA TUNNELISTA OSUV PE-SU-LLE



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232PORI

1986

VT8 TIEOSA 202 FTAISYYS 7.6 KM

KVL 10056 B' (SU/KESA) 1.01

KAVL 9641

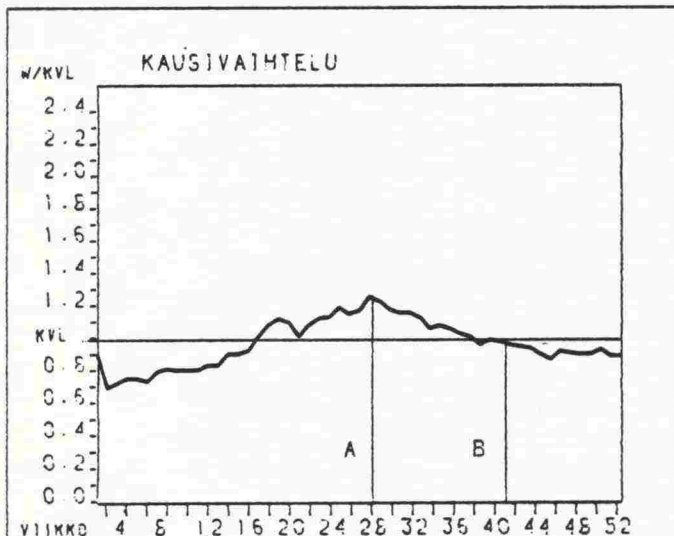
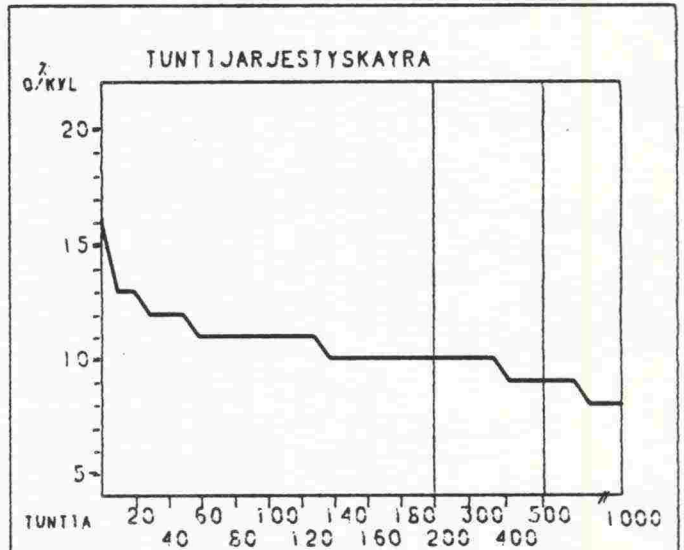
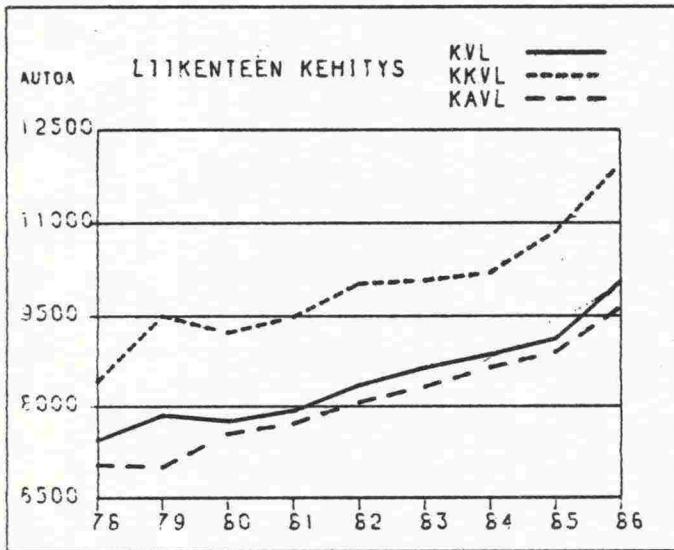
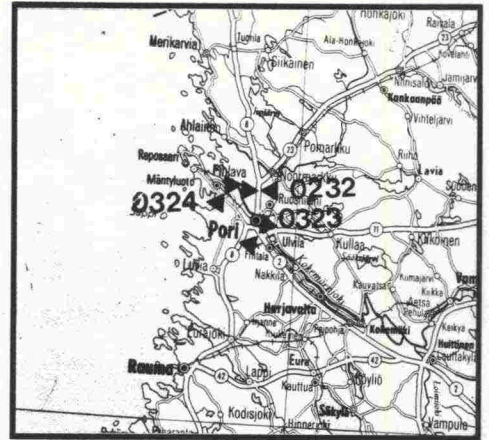
KKVL 11945 D' 1.18

ARKILIIKENTEEN KOOSTUMUS

HA 79% PA 8 %

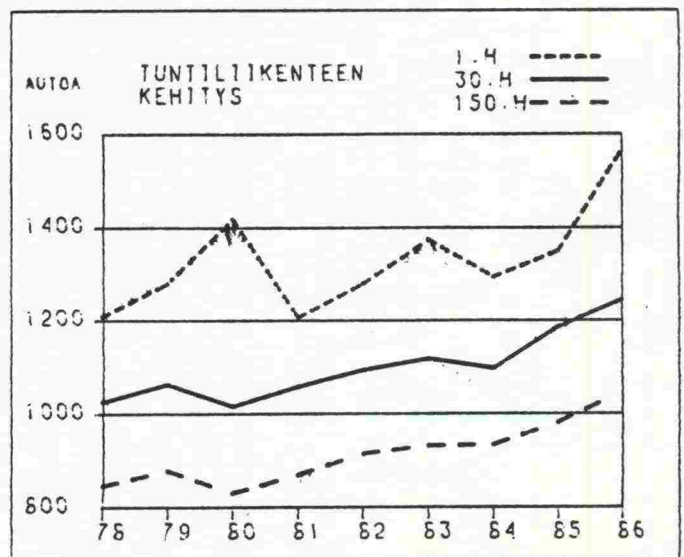
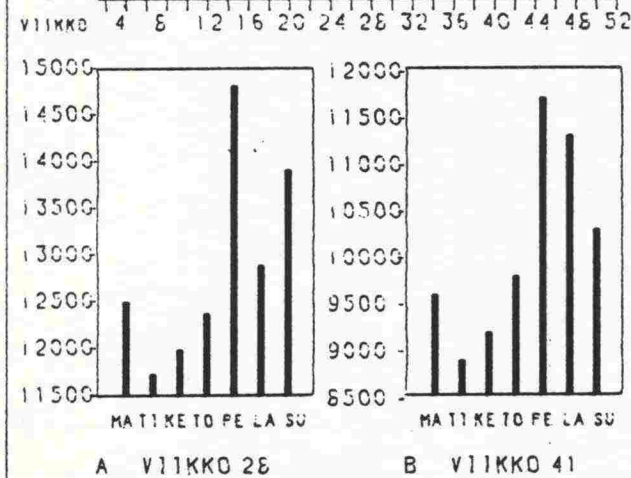
LA 1 % KAIP 5 %

KAPP 1 % KATP 6 %



H	Q	PE-SU (KERTYMA)	HTK
1	1567	100	0.0
30	1244	90	1.1
100	1098	90	3.3
150	1044	86	4.7
300	952	75	6.8
1000	766	60	24.8
5000	373	41	65.4

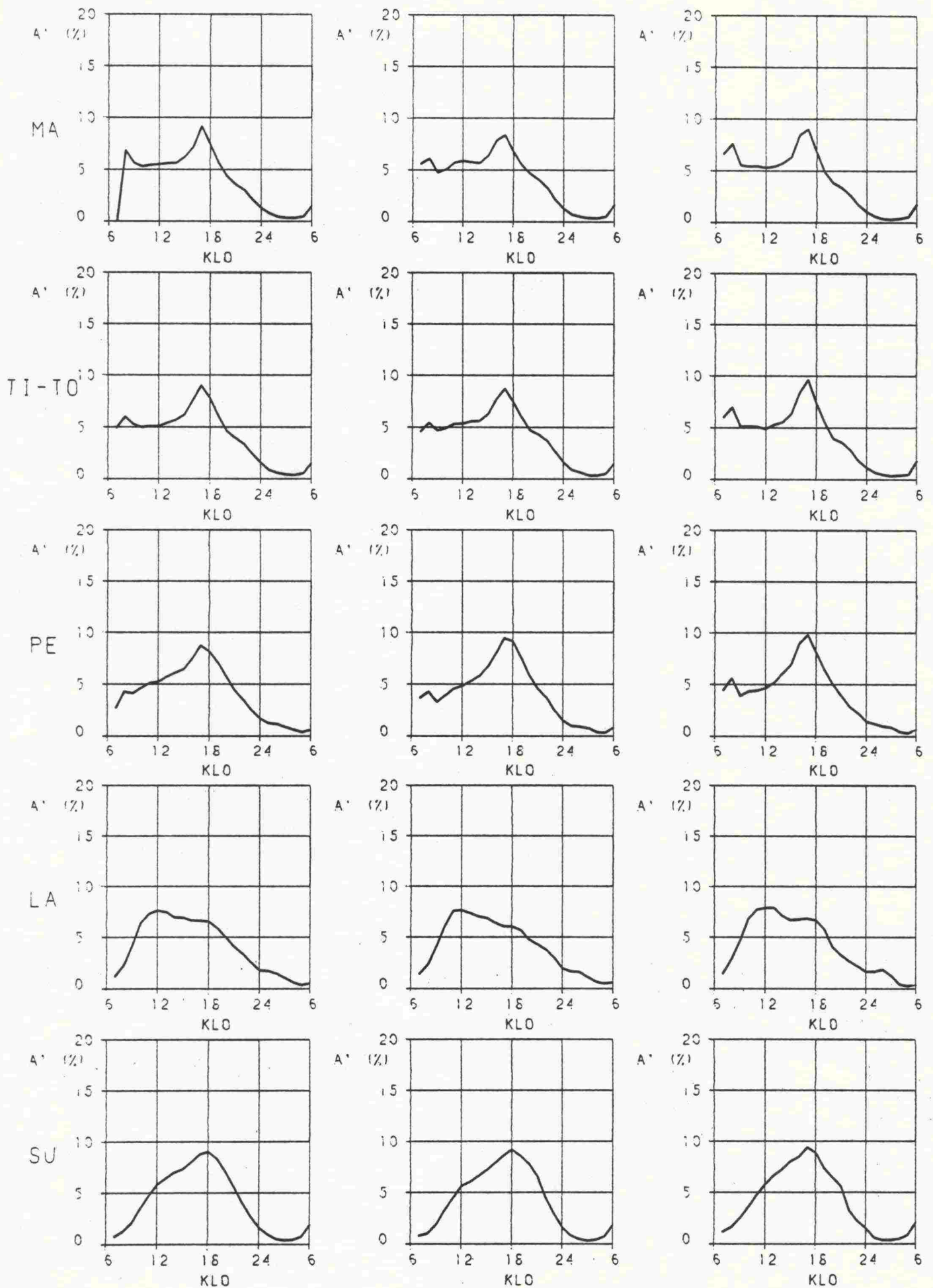
(*) MONTAKO 2 KO ENSIMMAISISTA TUNNEISTA OSUU PE-SU:lle



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233RAISIO

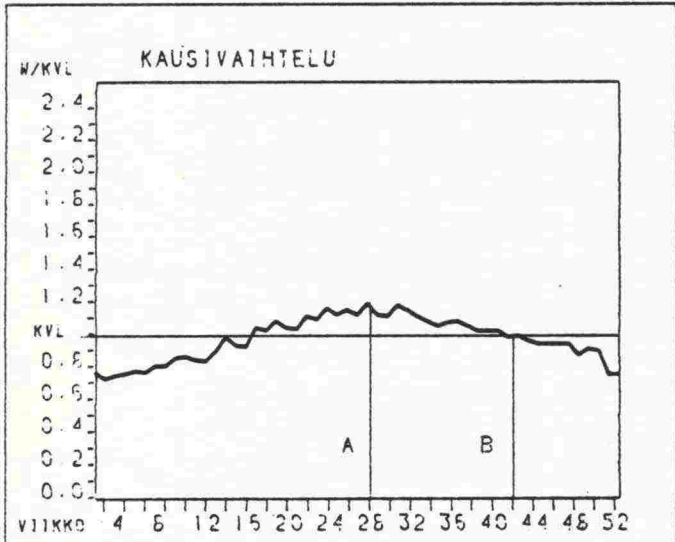
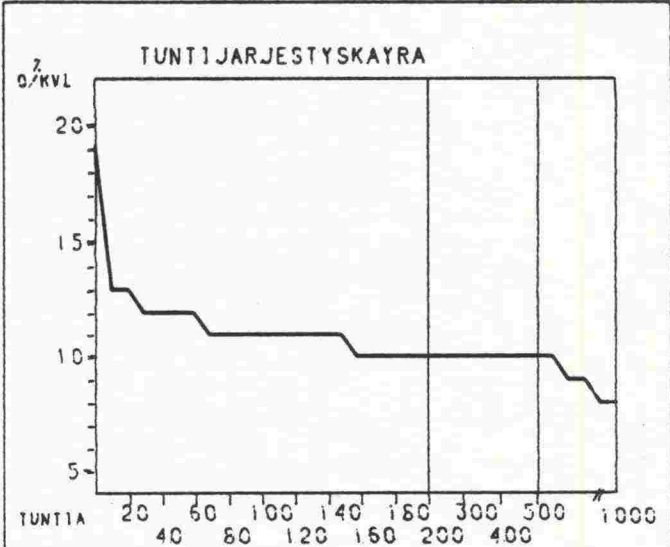
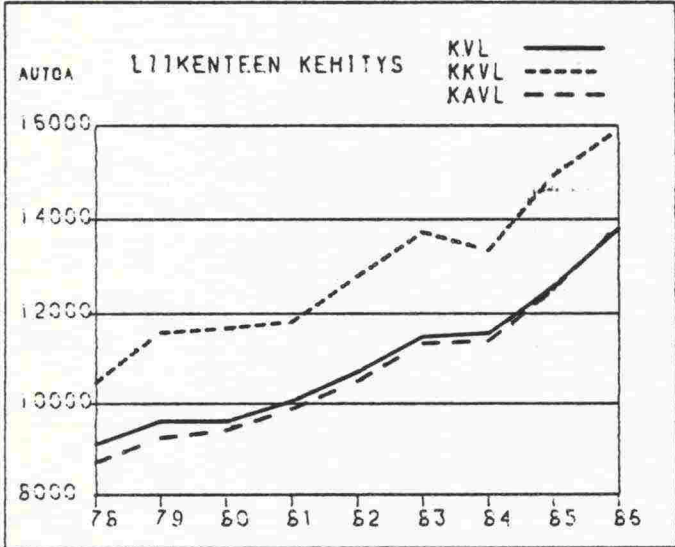
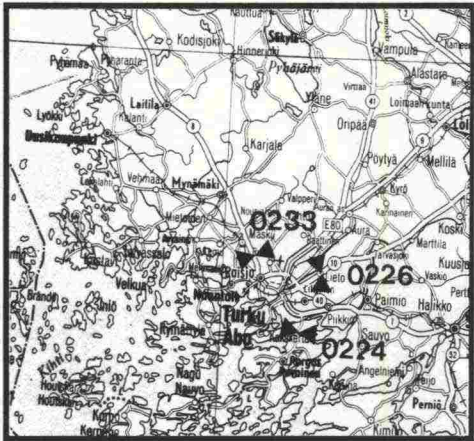
1986

VT8 TIEOSA 103 ETAISYYS 0.8 KM

KVL 13802 B' (SU/KESA) 1.00
KAVL 13860
KKVL 15914 D' 1.15

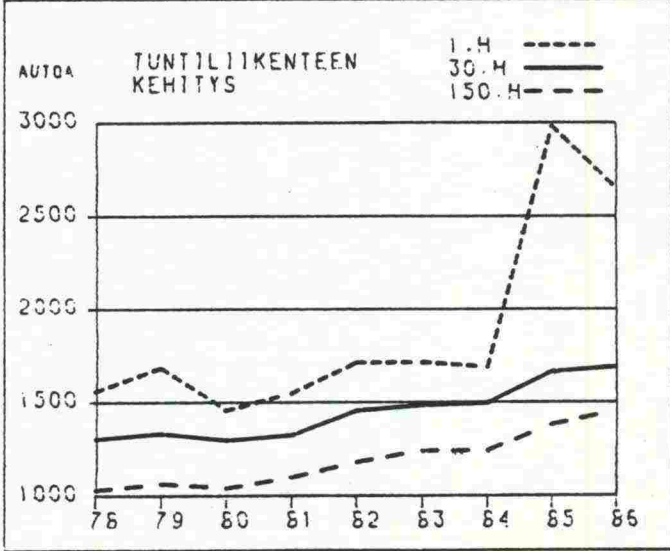
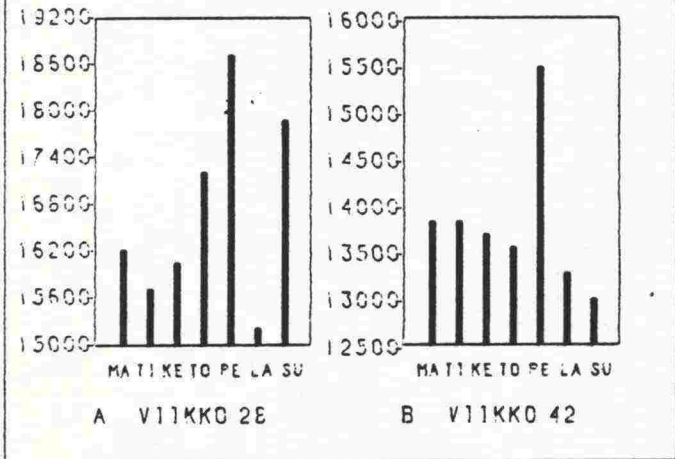
ARKILIIKENTEEN KOOSTUMUS

HA 80 % PA 8 %
LA 1 % KAIP 7 %
KAPP 1 % KATP 3 %



H	Q	PE-SU (*KERTYMA	HTK
1	2646	0	0.1
30	1668	66	1.1
100	1521	76	3.3
150	1453	71	4.6
300	1340	56	6.9
1000	1065	42	25.6
5000	502	40	67.6

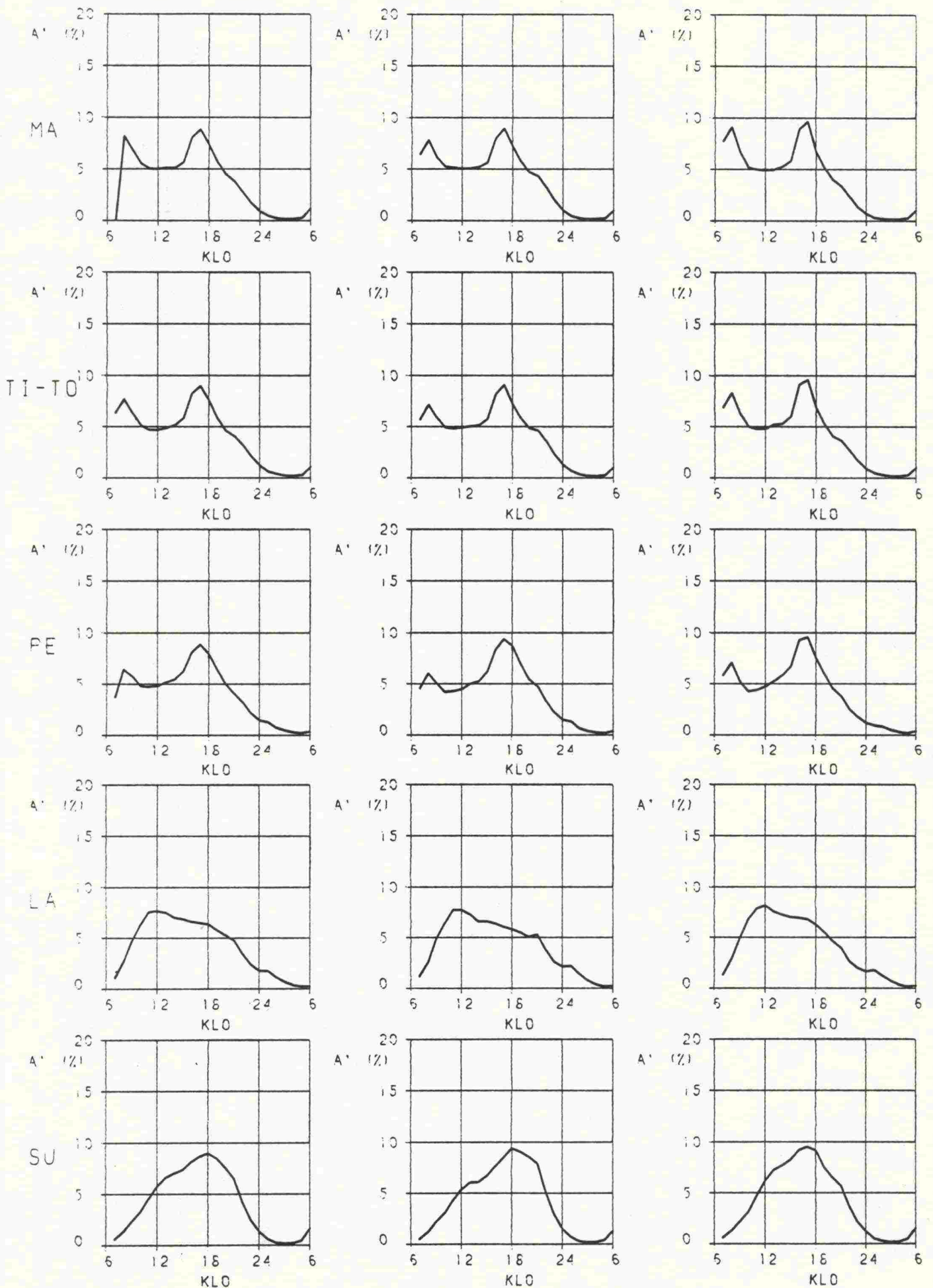
(*) MONTAKO % KO ENSIMMAISISTA TUNNEISTA OSUU PE-SU:ALLE



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LOKAKUU

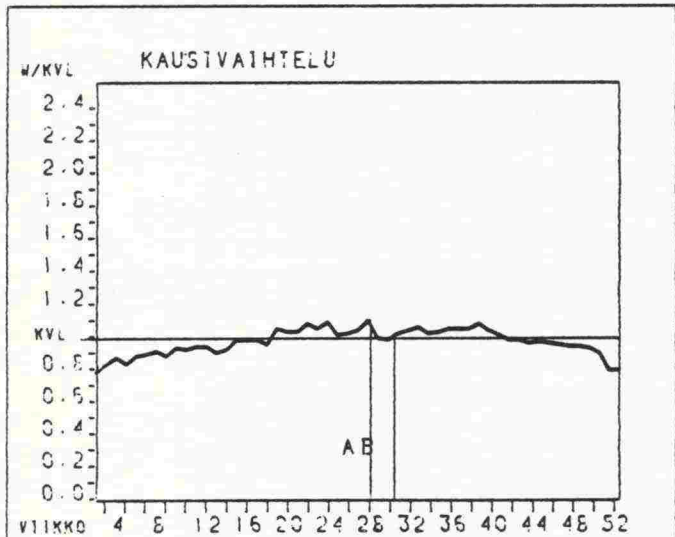
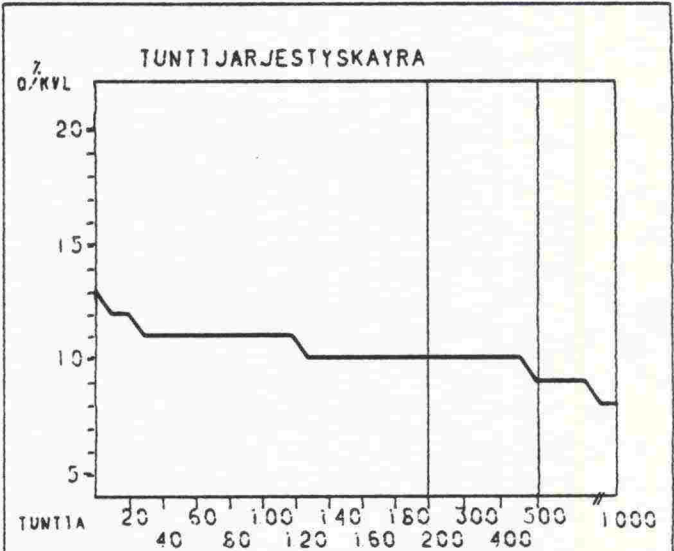
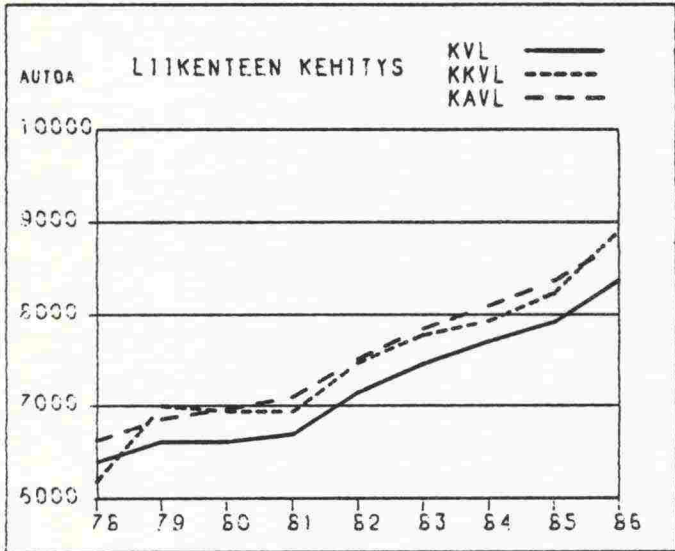
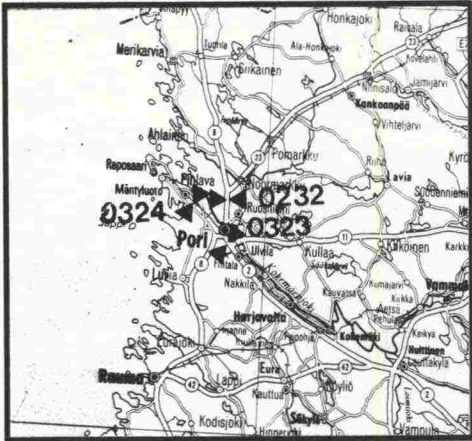


323PORI/LENTOKENTTA 1986
VT2 TIEOSA 47 ETAISYYS 4.3 KM

KVL 8376 B' (SU/KESA) 0.81
KAVL 8769
KKVL 8902 D' 1.06

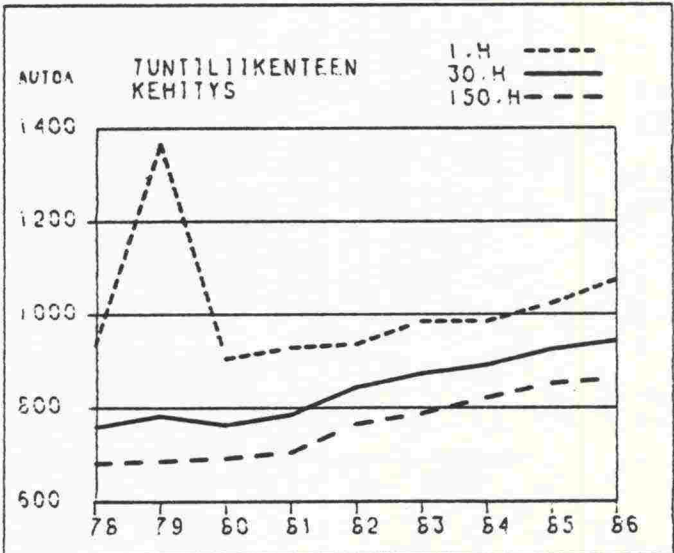
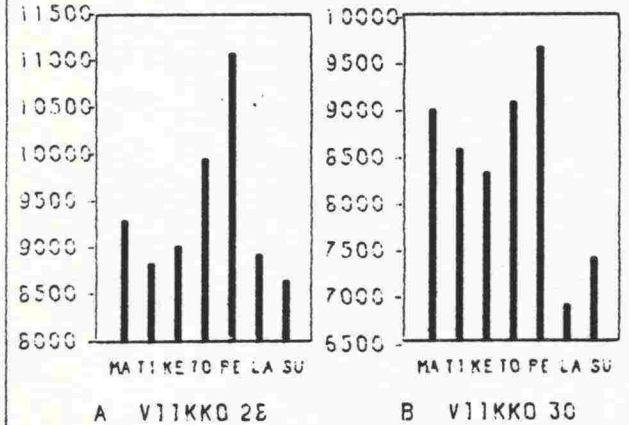
ARKILIIKENTEN KOOSTUMUS

HA 78 % PA 8 %
LA 2 % KAIP 5 %
KAPP 2 % KATP 5 %



H	D	PE-SU (%)	KERTYMA	HTK
1	1074	100	0.0	0.86
30	943	80	1.0	0.86
100	891	51	3.1	0.92
150	861	48	4.5	0.76
300	806	37	8.6	0.88
1000	634	34	24.8	0.87
5000	304	36	87.0	0.80

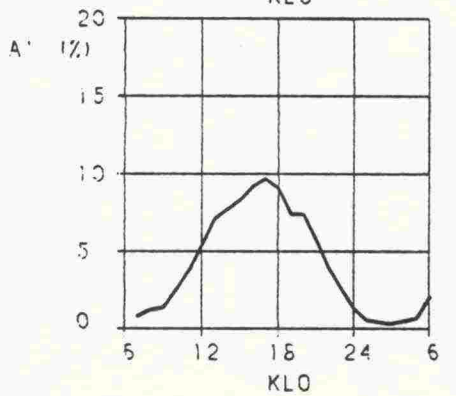
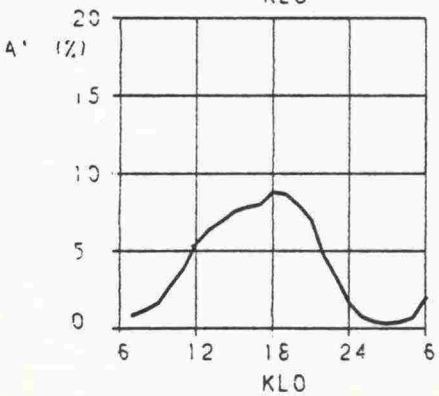
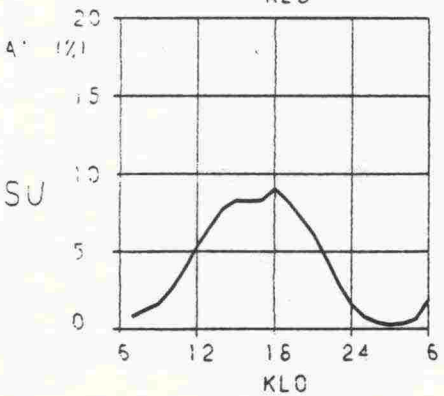
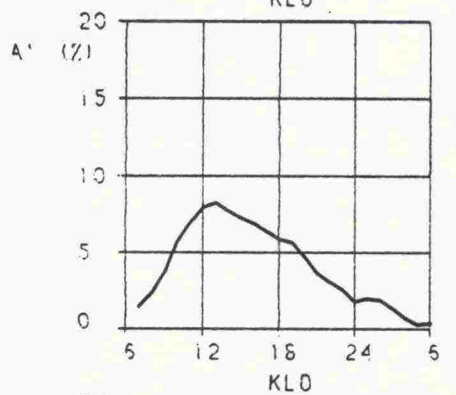
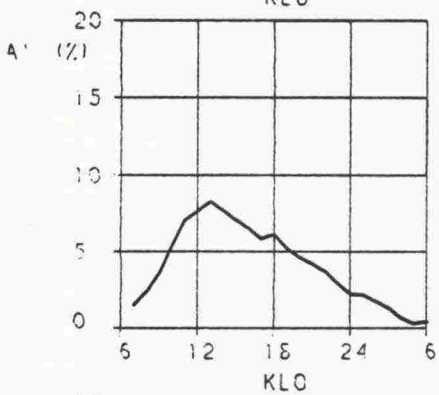
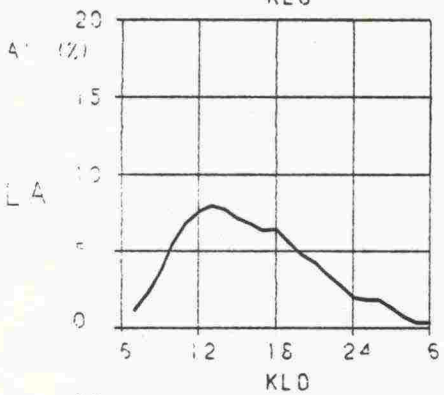
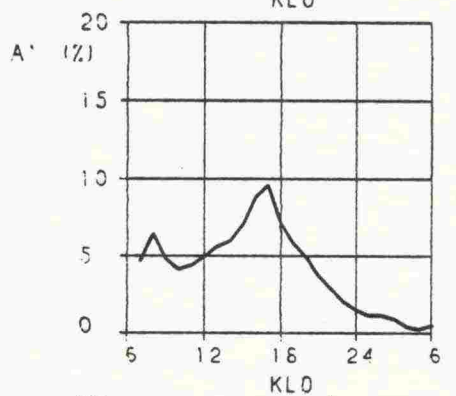
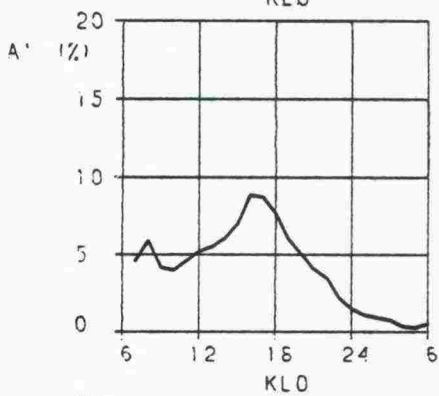
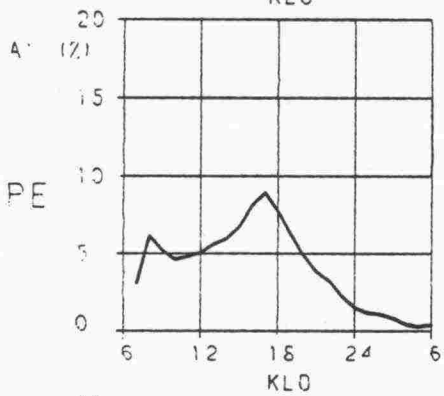
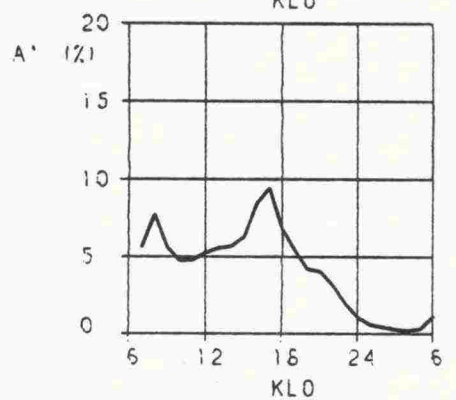
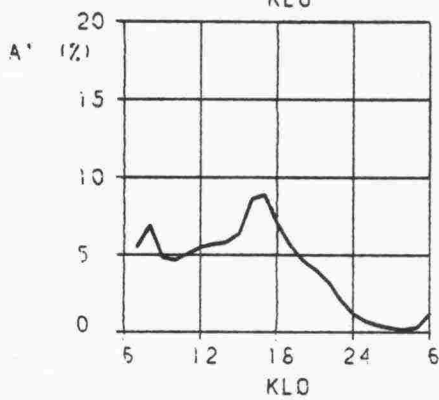
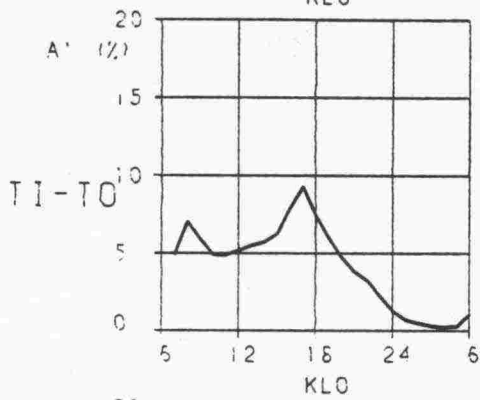
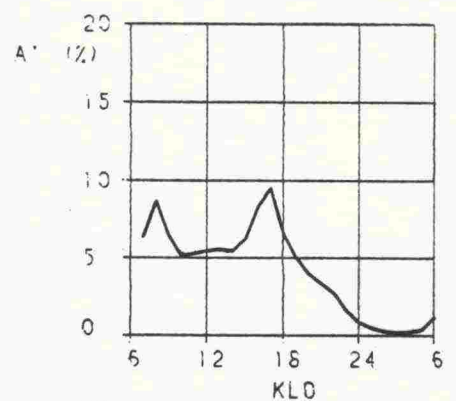
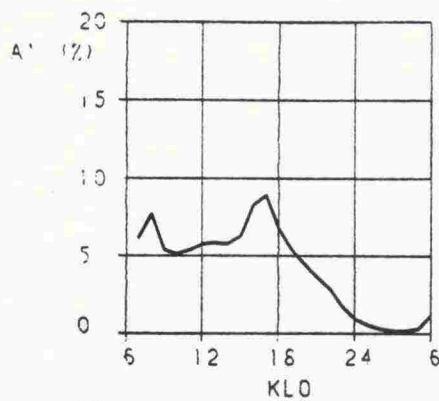
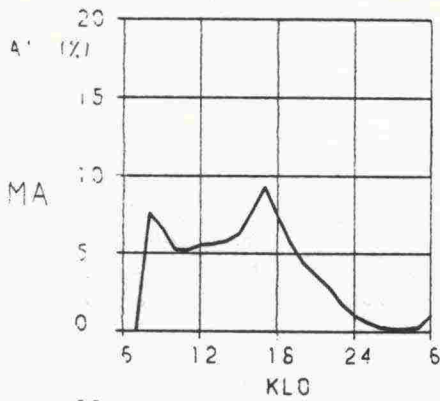
(*) MONTAKO ? KO-ENSIMMAISISTA TUNNEISTA OSUU PE-SU-LLE



HELMIKUU

HEINAKUU

LOKAKUU



324PORI/ULASOORI

1986

MT265 TIEOSA 1 ETAISYYS 4.8 KM

KVL 9360 B' (SU/KESA) 0.82

KAVL 9796

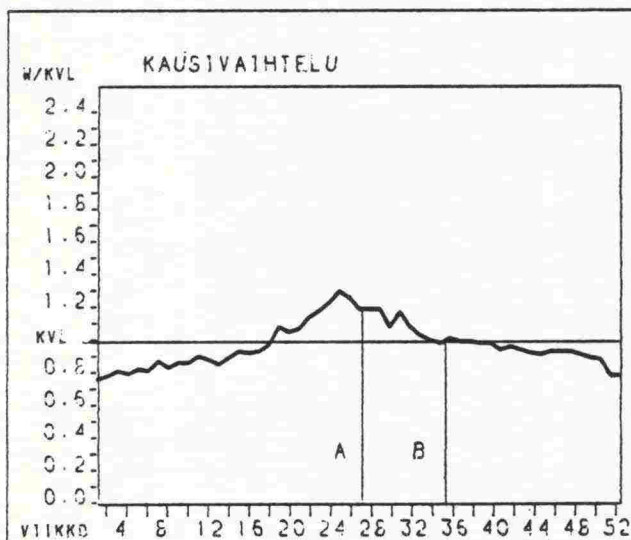
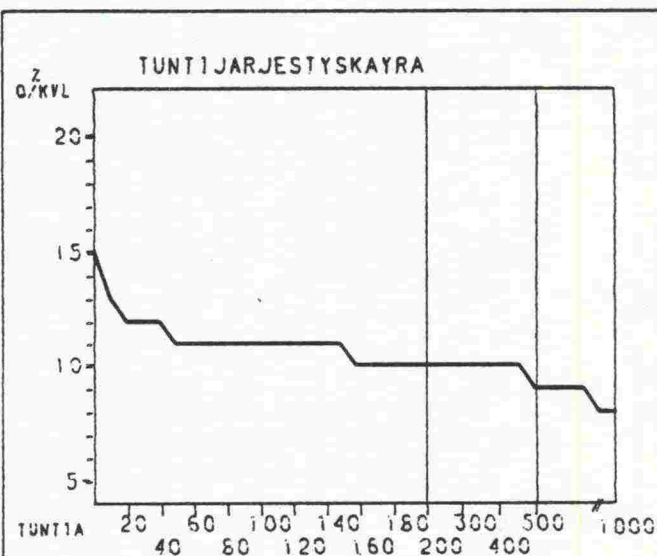
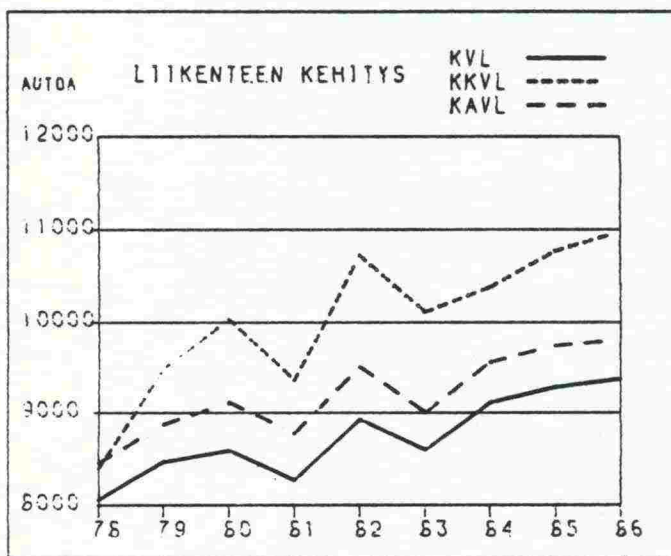
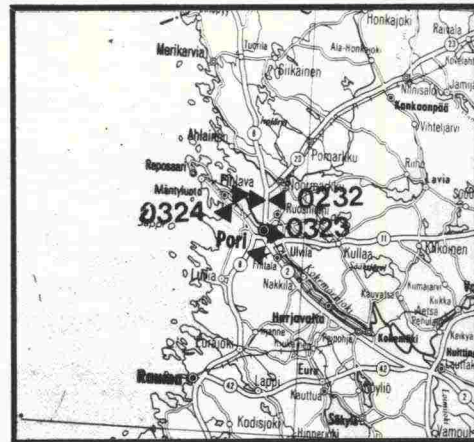
KKVL 10978 D' 1.17

ARKILIIKENTEN KOOSTUMUS

HA 81 % PA 8 %

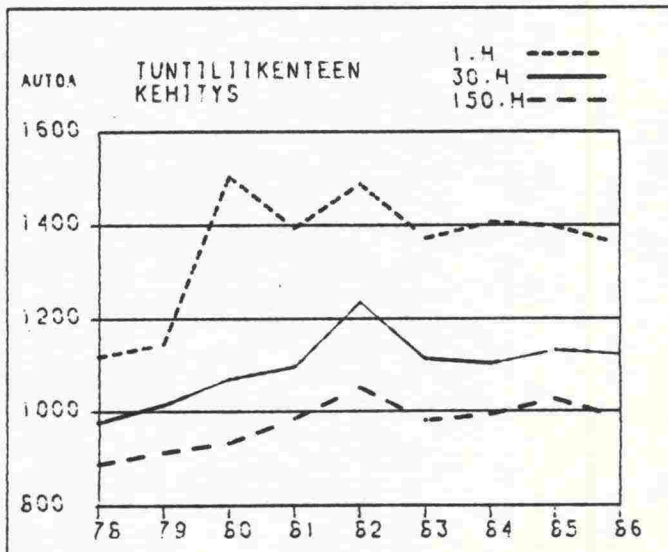
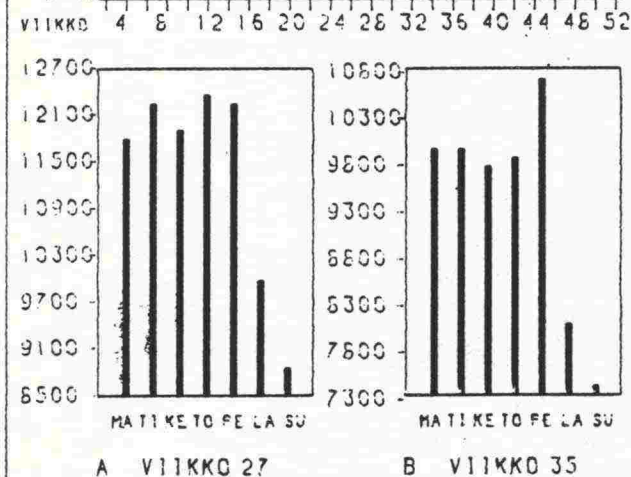
LA 1 % KAIP 4 %

KAPP 1 % KATP 5 %



H	Q	PE-SU (KERTYMA)	HTK
1	1356	0	0.0
30	1122	20	1.1
100	1017	28	3.2
150	983	30	4.7
300	911	34	6.6
1000	719	34	25.2
5000	340	37	86.6

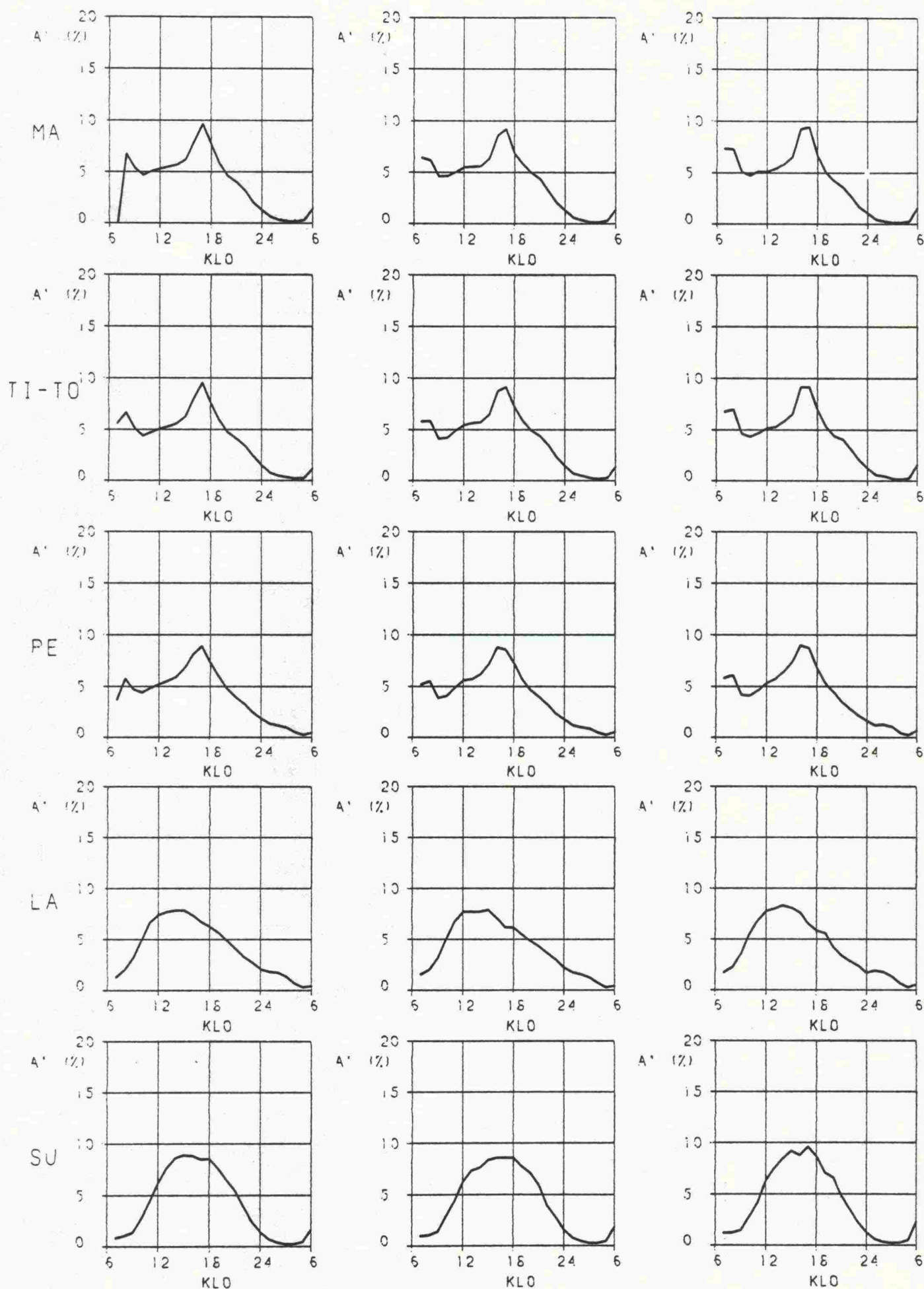
(*) MONTAKO 7 KO ENSIMMAISTISTA TUNNEISTA OSUU PE-SU:LE.



HELMIKUU

HEINAKUU

LOKAKUU



422KANGASALA

1986

VT12 TIEOSA 2 ETAISYYS 0.1 KM

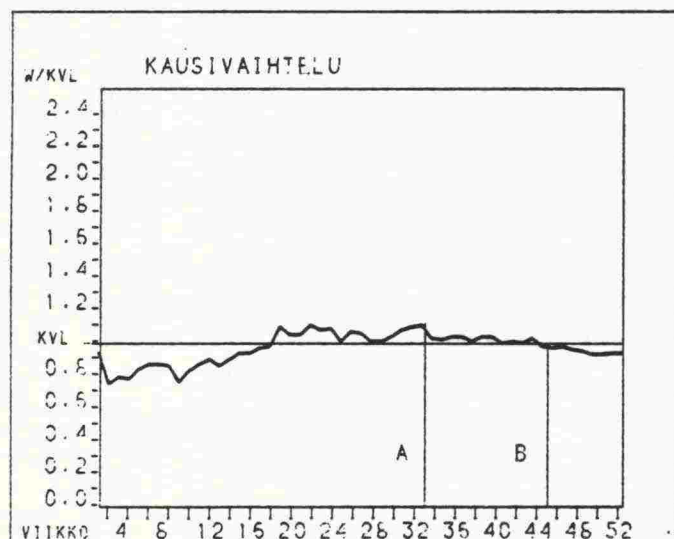
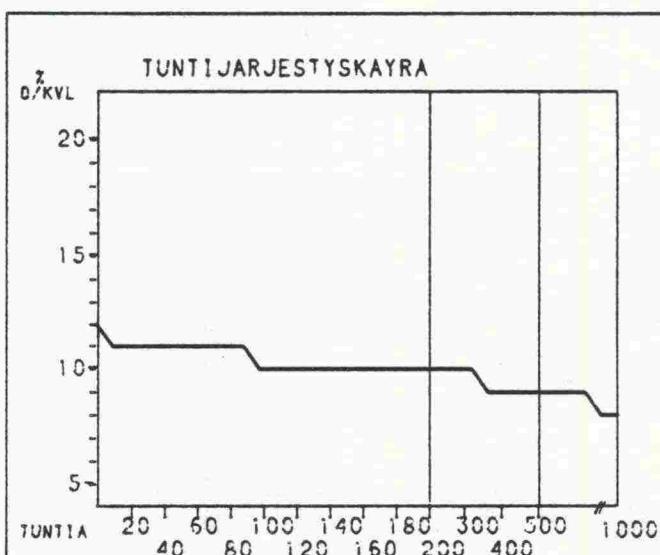
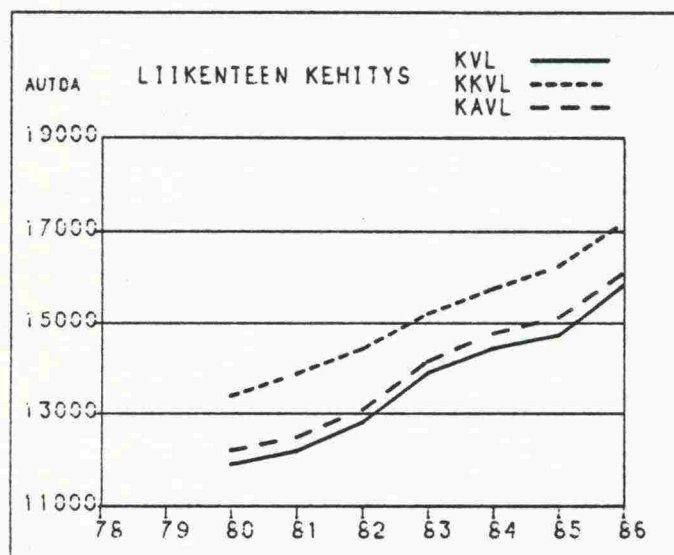
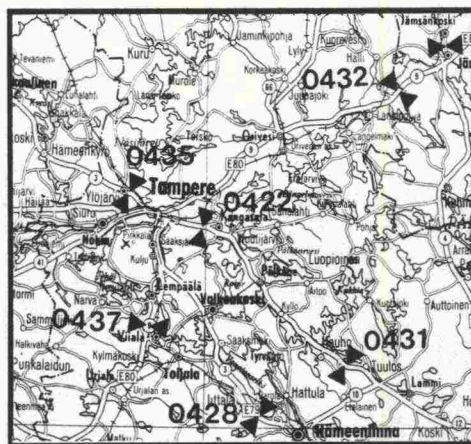
KVL 15873 B' (SU/KESA) 0.87

KAVL 16136

KKVL 17219 D' 1.08

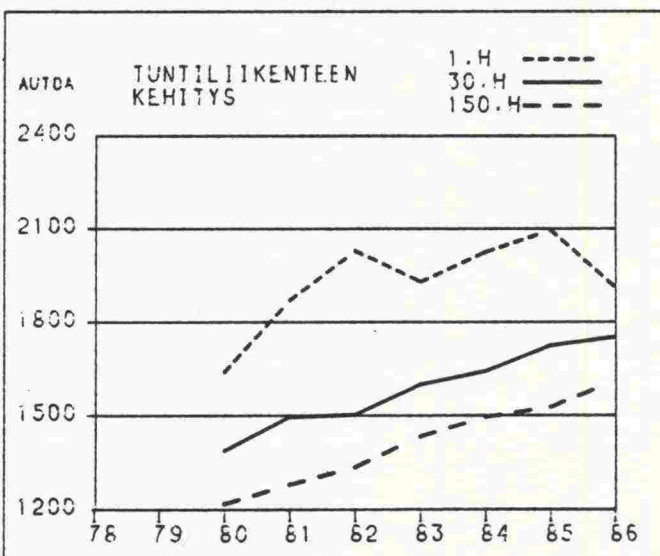
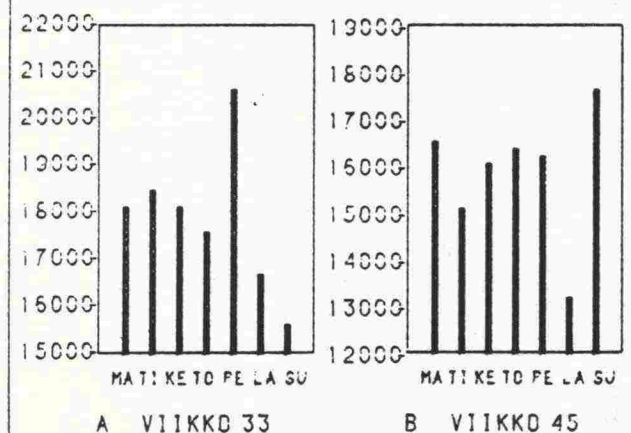
ARKILIIKENTEEN KOOSTUMUS

HA	80 %	PA	9 %
LA	2 %	KAIP	6 %
KAPP		KATP	3 %



H	D	PE-SU (*KERTYMA)	HTK
1	1915	100	0.0
30	1756	63	0.9
100	1660	66	3.0
150	1615	60	4.4
300	1497	47	6.4
1000	1245	42	24.6
5000	575	39	67.4

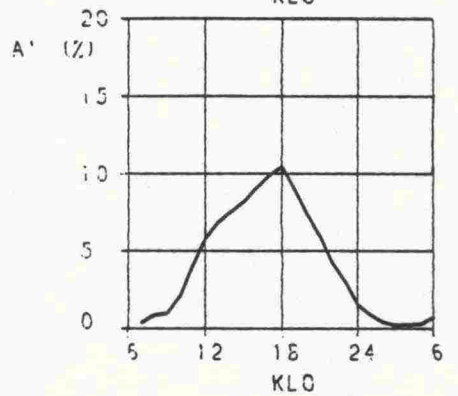
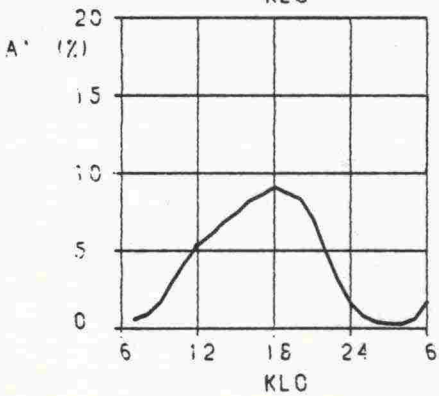
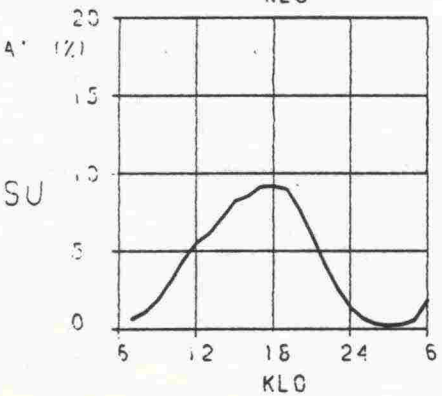
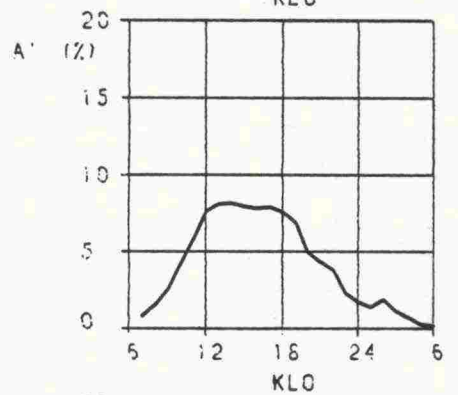
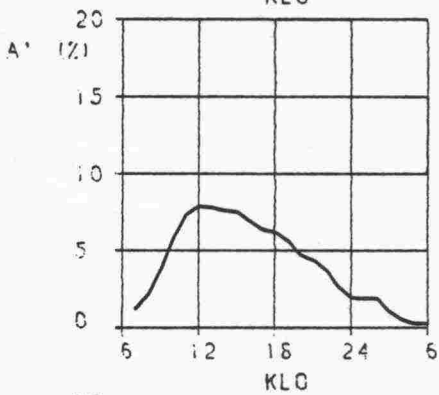
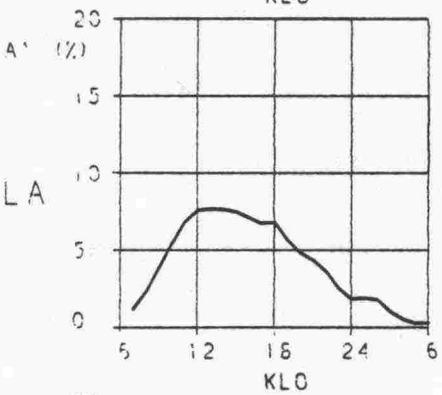
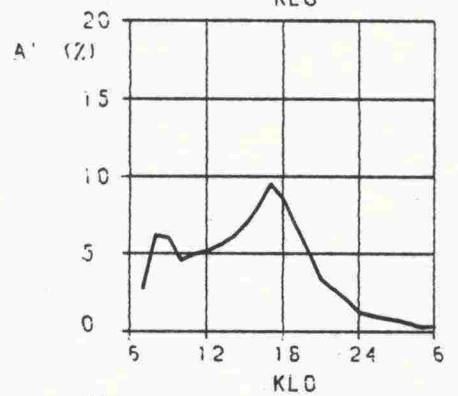
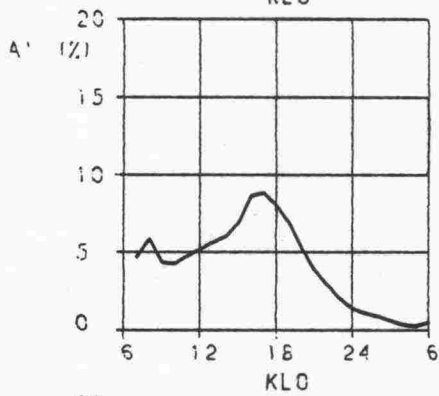
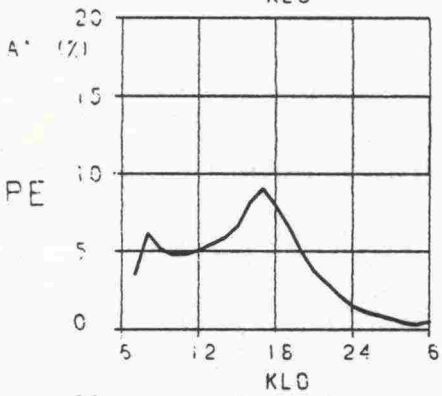
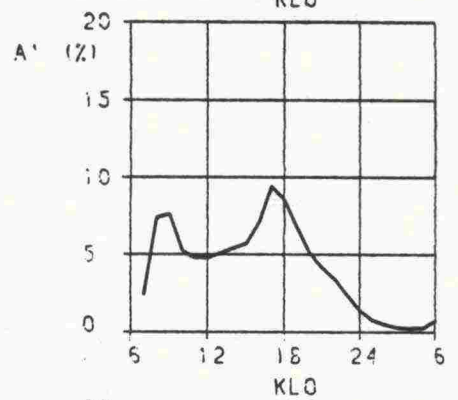
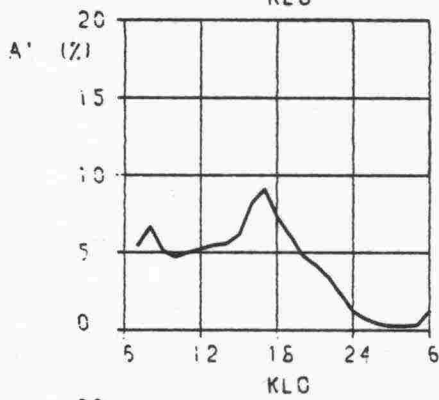
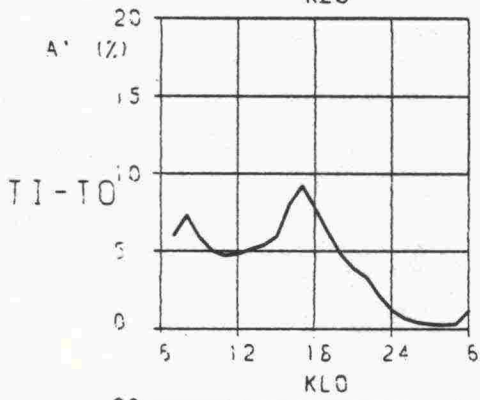
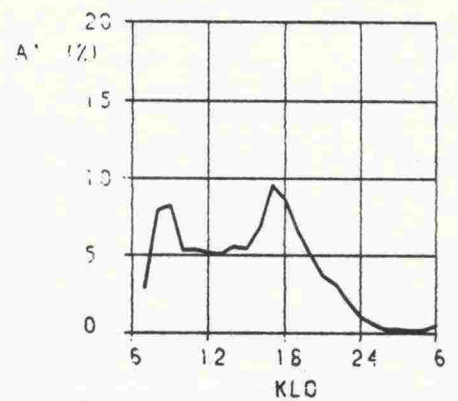
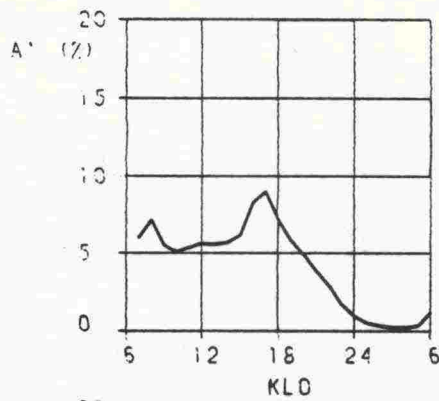
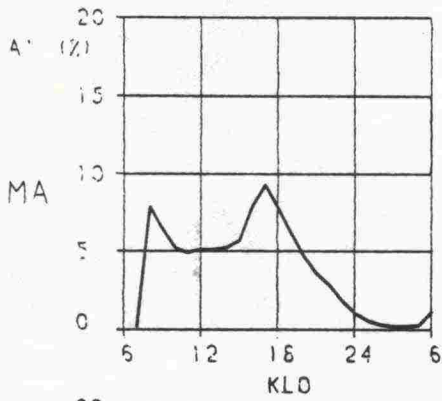
(*) MONTAKO % KO-ENSIMMAISISTA TUNNEISTA OSUU PE-SU:LE



HELMIKUU

HEINAKUU

LOKAKUU



428PAROLA

1986

VT3

TIEOSA 123 ETAISYYS 1.2 KM

KVL 8832

B' (SU/KESA) 1.09

KAVL 8415

KKVL 10314

D' 1.16

ARKILIIKENTEEN KOOSTUMUS

HA 78 %

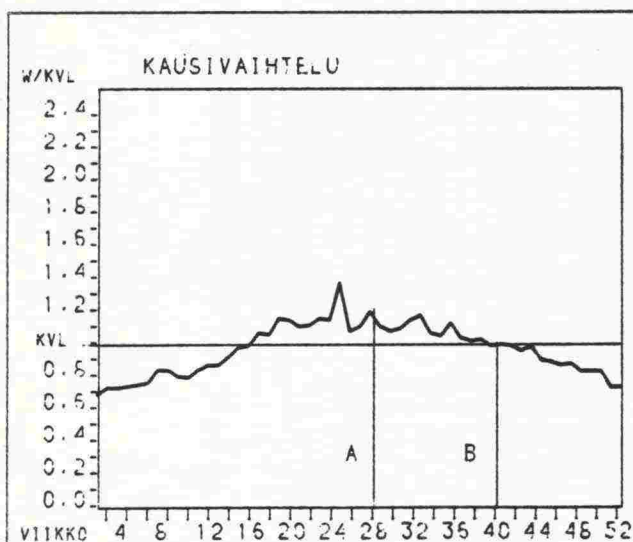
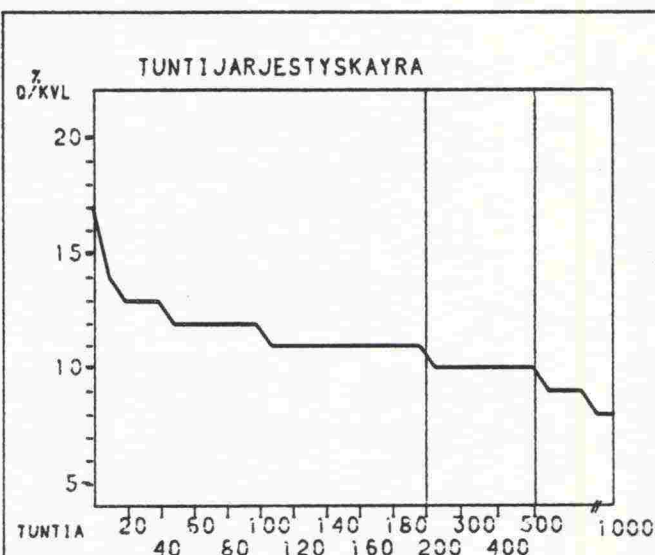
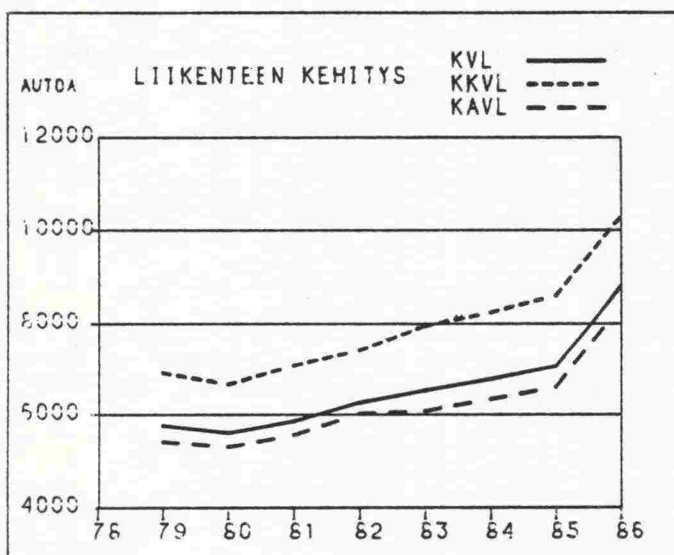
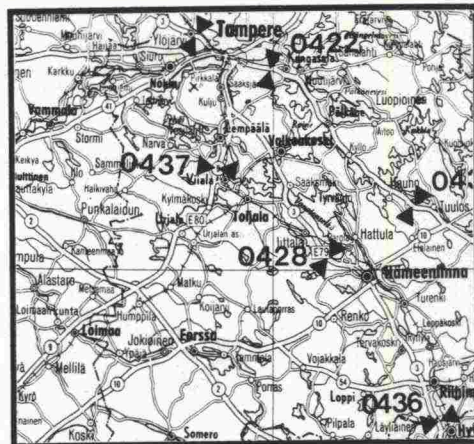
PA 7 %

LA 1 %

KAIP 6 %

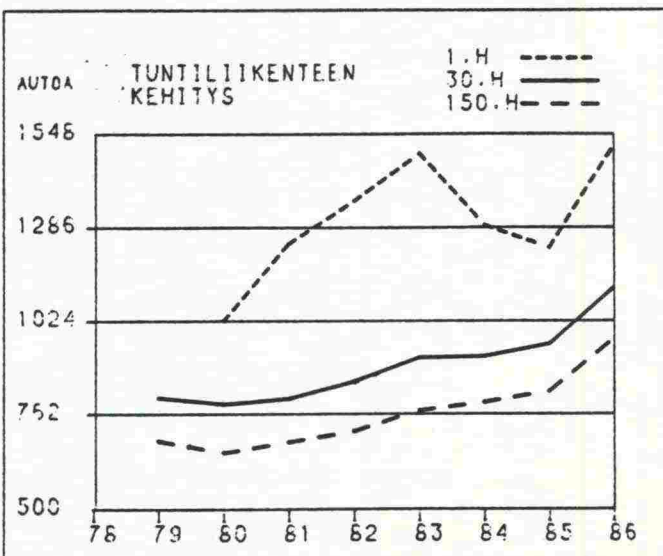
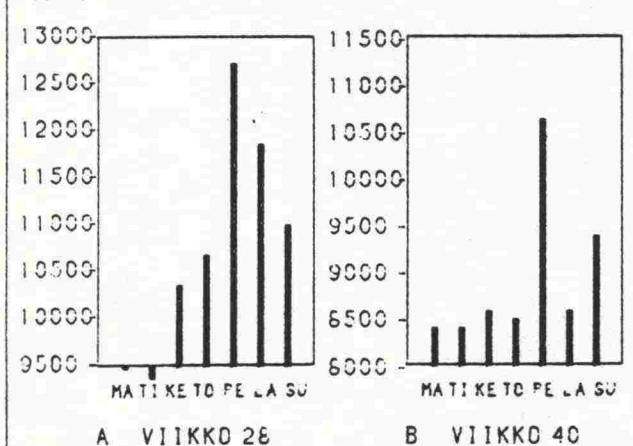
KAPP 2 %

KATP 6 %



H	Q	PE-SU (•) KERTYMA	HTK
1	1520	100	0.1
30	1122	83	1.1
100	1027	92	3.4
150	977	94	5.0
300	862	93	9.2
1000	674	67	25.5
5000	309	41	66.2

(•) MONTAKO % KO. ENSIMMAISISTA TUNNEISTA OSUU PE-SU:ALLE

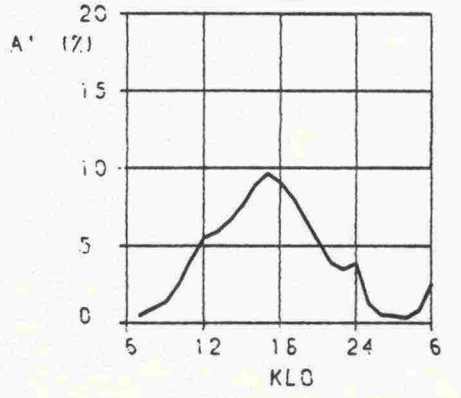
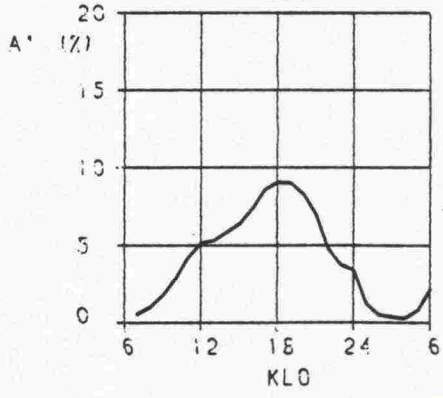
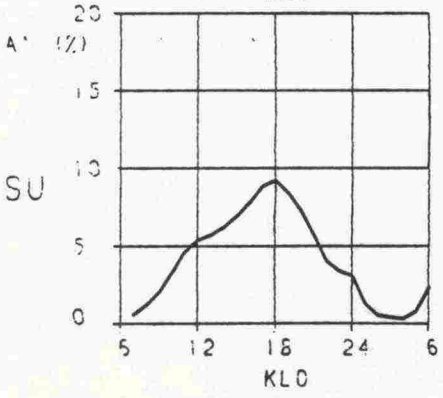
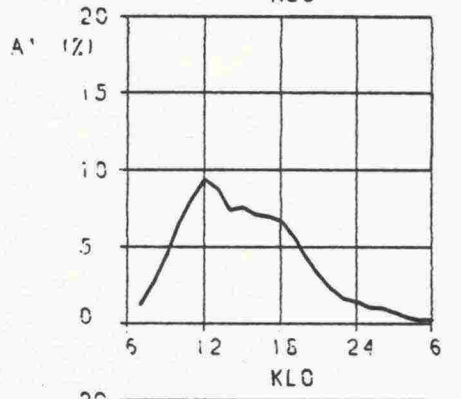
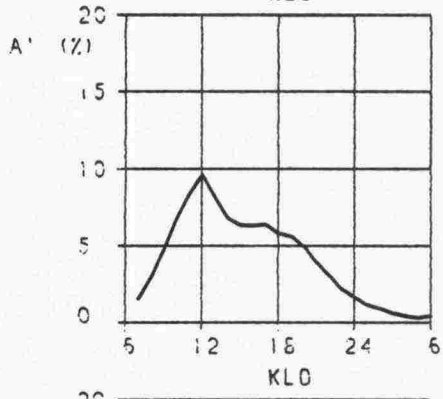
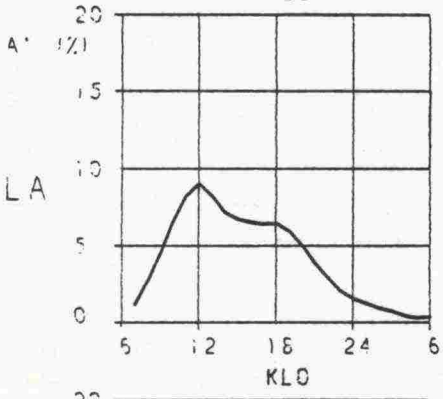
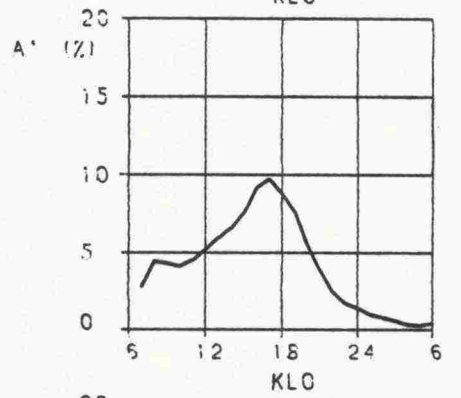
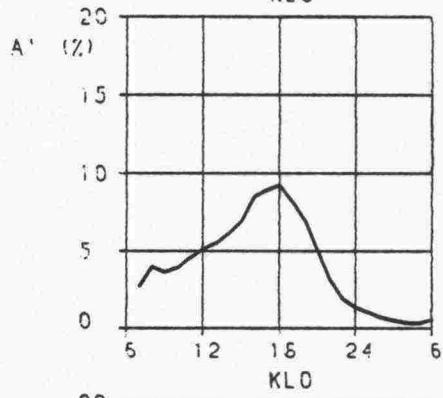
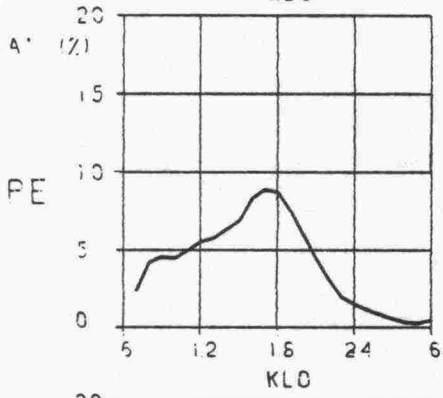
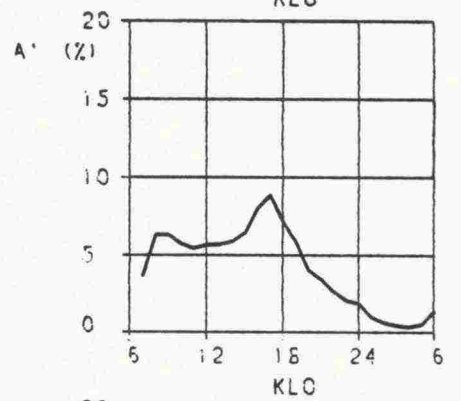
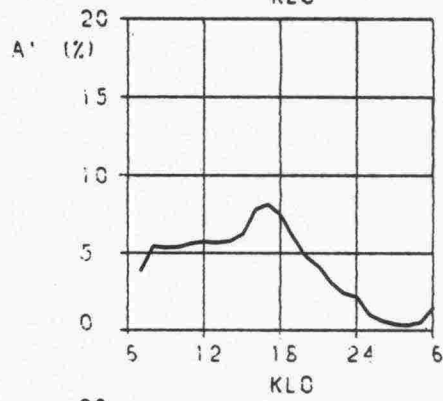
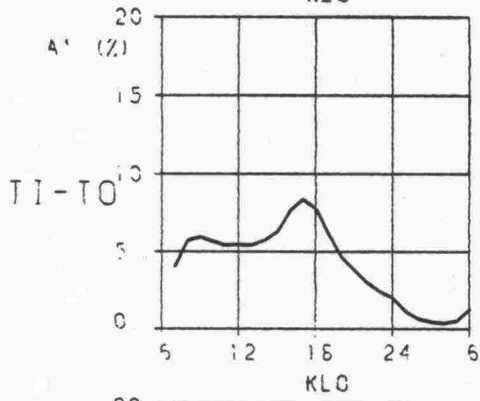
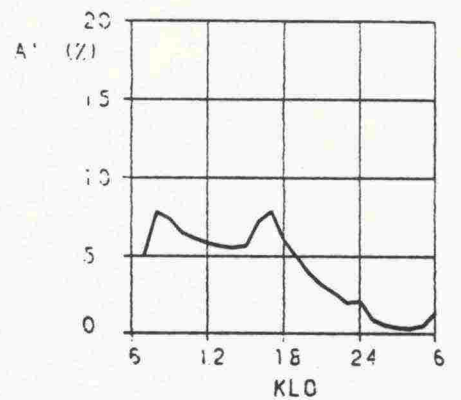
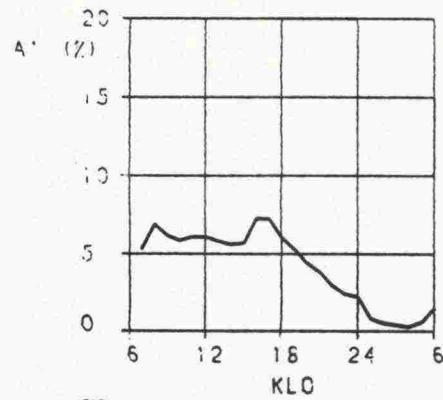
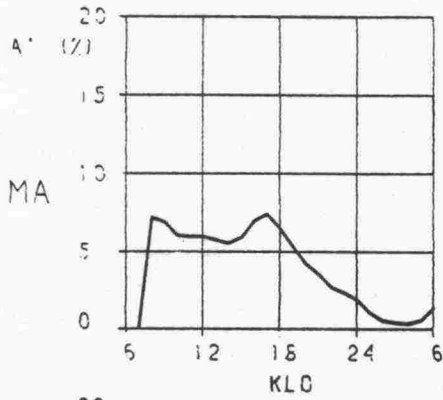


TUNTIVAIHTELU

HELMIKUU

HEINAKUU

LOKAKUU



431 HAUHO

1986

VT12 TIESA 13 ETAISYYS 1.4 KM

KVL 2342 B' (SU/KESA) 1.34

KAVL 2032

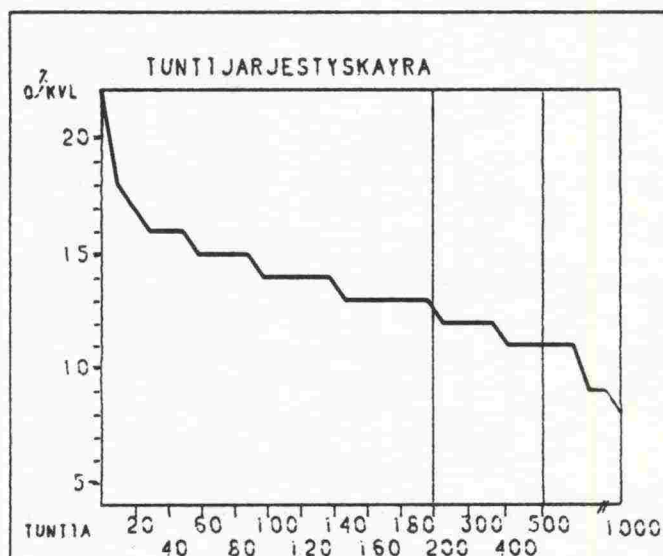
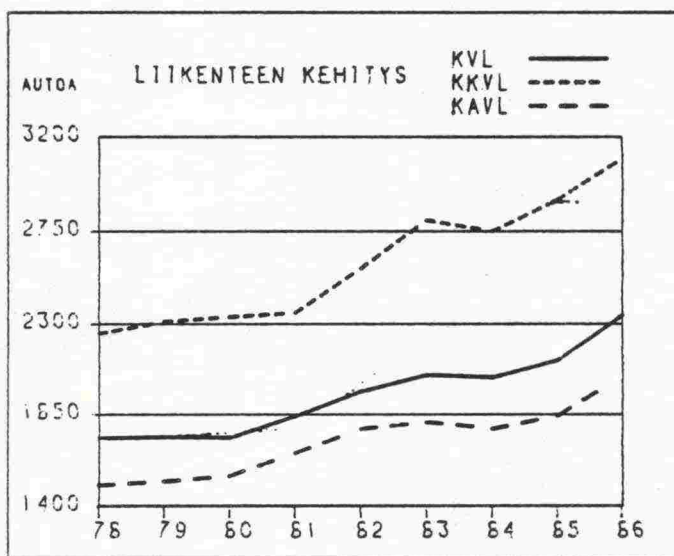
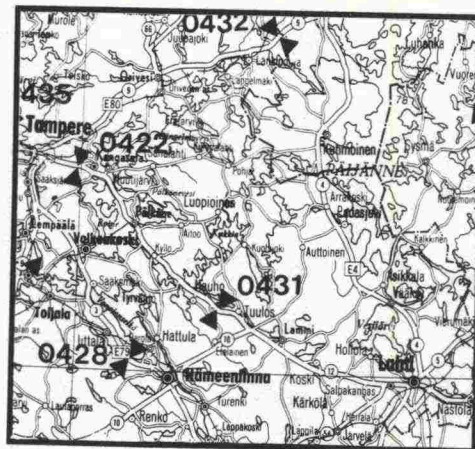
KKVL 3098 D' 1.32

ARKILIIKENTEEN KOOSTUMUS

HA 73% PA 7%

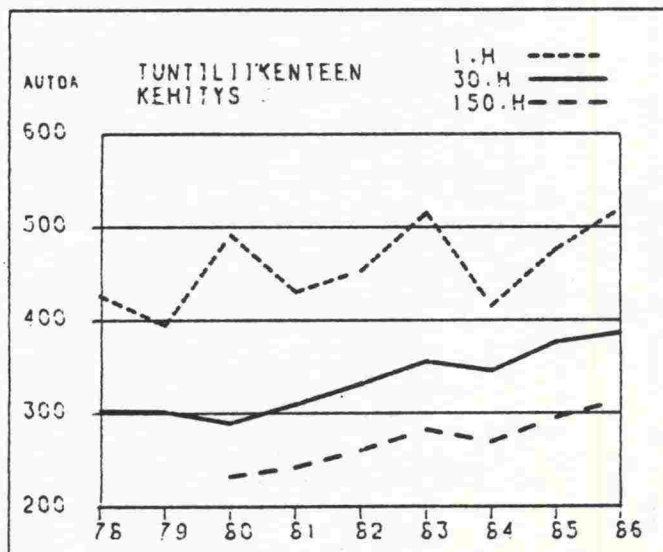
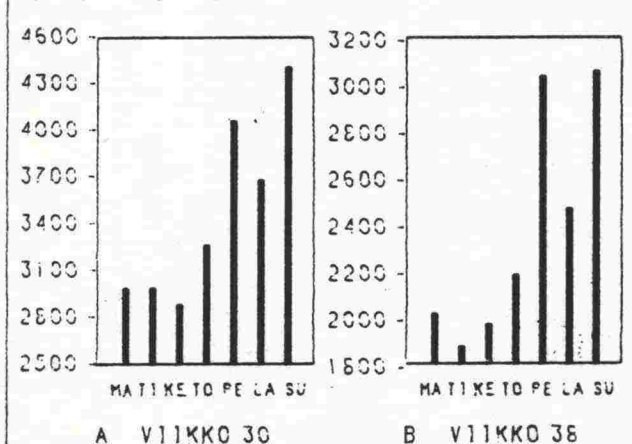
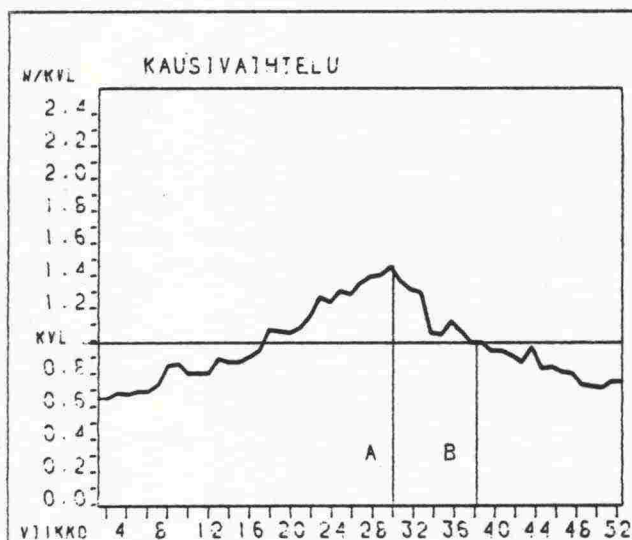
LA 2% KAIP 7%

KAPP 2% KATP 9%



H	D	PE-SU (•)	KERTYMA	HTK
1	519	100	0.1	0.84
30	386	96	1.5	0.86
100	337	97	4.4	0.88
150	313	95	6.3	-
300	269	95	11.4	0.90
1000	190	80	29.3	0.74
5000	72	43	87.0	0.65

(•) MONTAKO % KO ENSIMMAISISTA TUNNEISTA OSUUS PE-SU:LLA

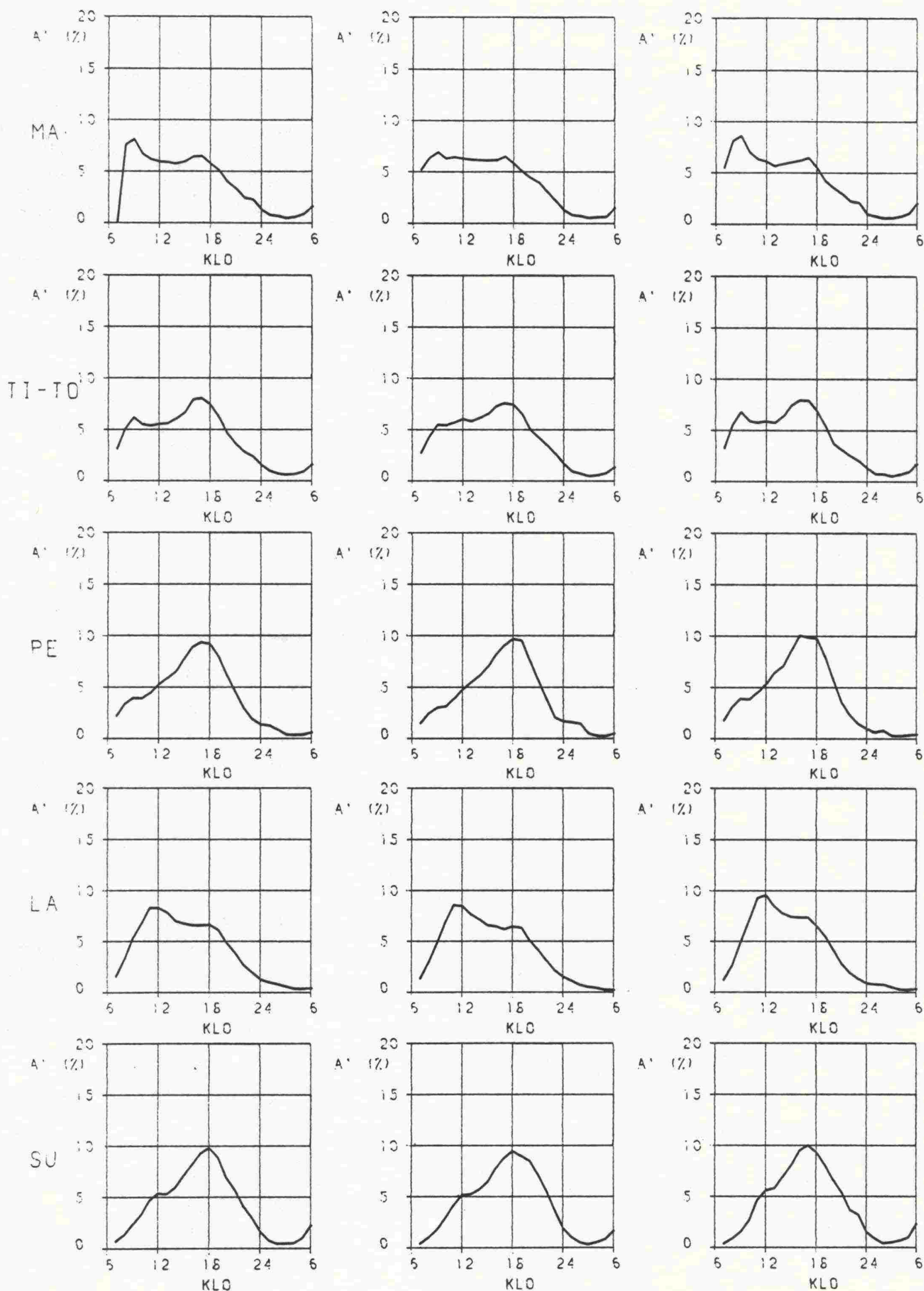


TUNTIVAIHTELUT

HELMIKUU

HEINAKUU

LOKAKUU



432ORIVESI

1986

VT9

TIEOSA 217 ETAISYYS 4.0 KM

KVL 3064

B' (SU/KESA) 1.40

KAVL 2606

KKVL 4278

D' 1.39

ARKILIIKENTEEN KOOSTUMUS

HA 76 %

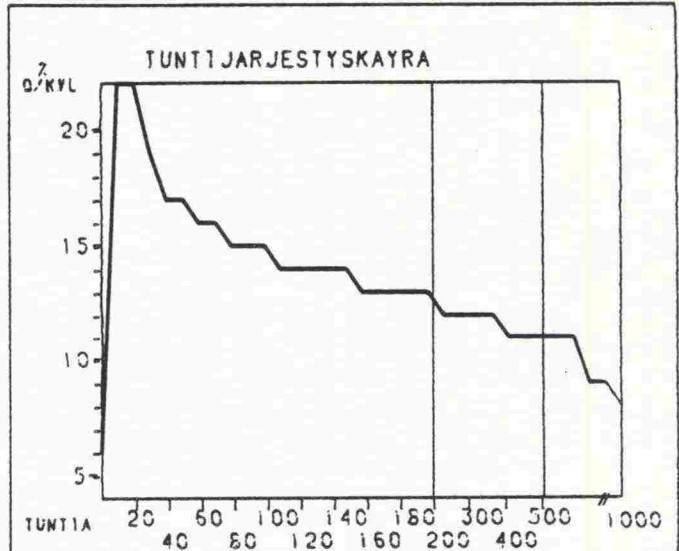
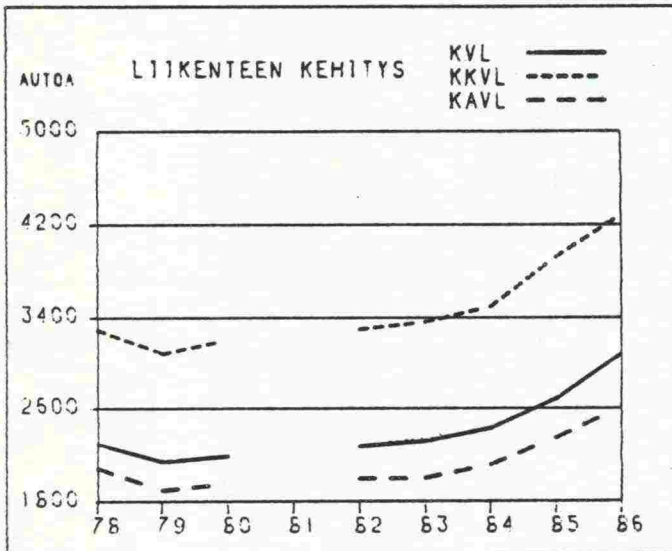
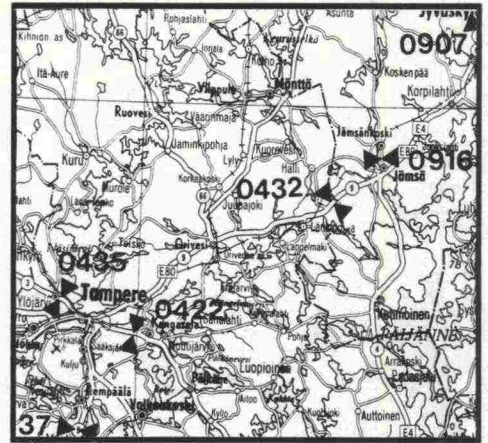
PA 6 %

LA 2 %

KAIP 4 %

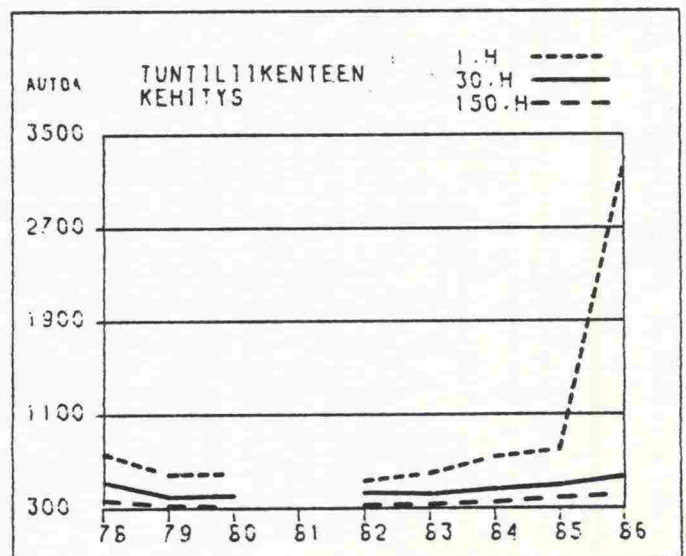
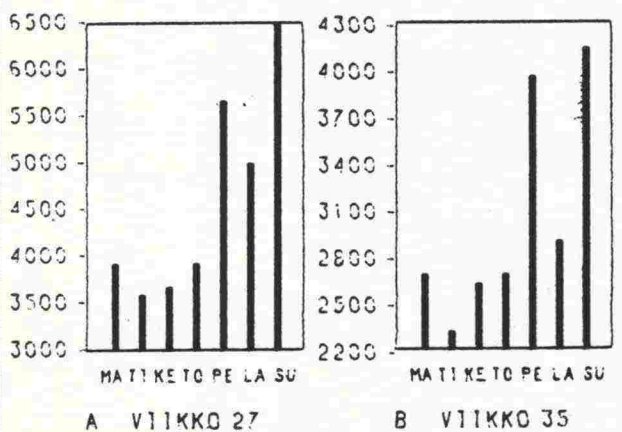
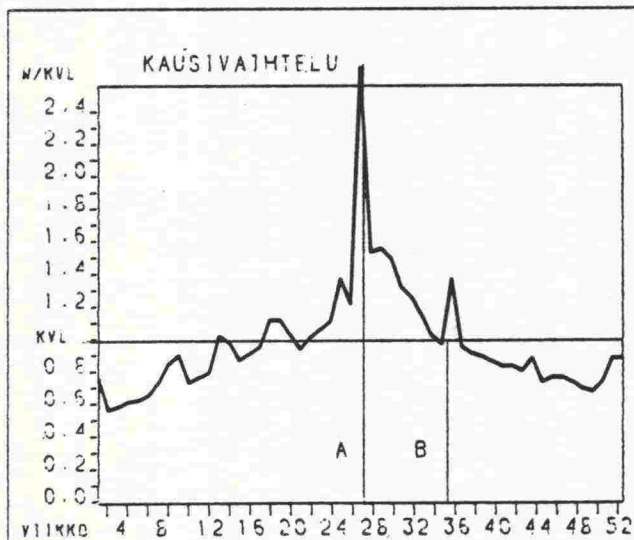
KAPP 1 %

KATP 11 %



H	Q	PE-SU (•)	KERTYMA	HTK
1	3251	100	0.3	-
30	570	93	3.6	0.90
100	449	88	6.7	0.81
150	416	88	8.6	0.94
300	351	90	13.7	0.94
1000	240	77	31.6	0.89
5000	91	43	85.6	0.71

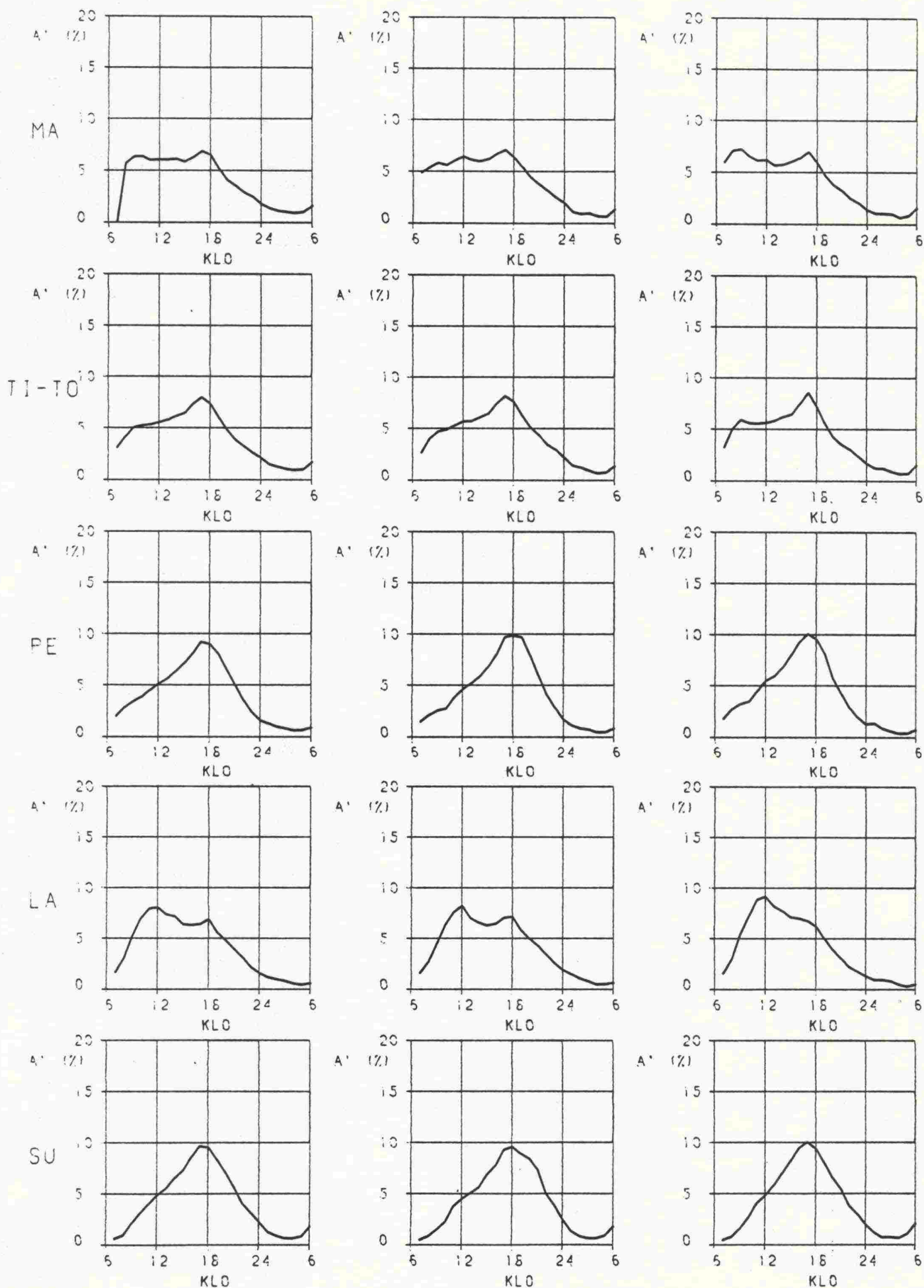
(4) MONTAKO % KO. ENSIMMAISISTA TUNNEISTA OSUU PE-SU:ILLE



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435YL·OJ·ARVI

1986

VT3 TIEOSA 202 ETAISYYS 6.0KM

KVL 11719

B' (SU/KESA) 0.93

KAVL 11718

KKVL 13548

D' 1.15

ARKILIIKENTEEN KOOSTUMUS

HA 81 %

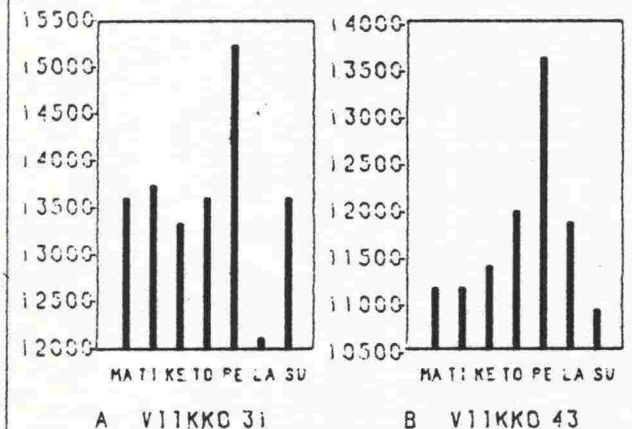
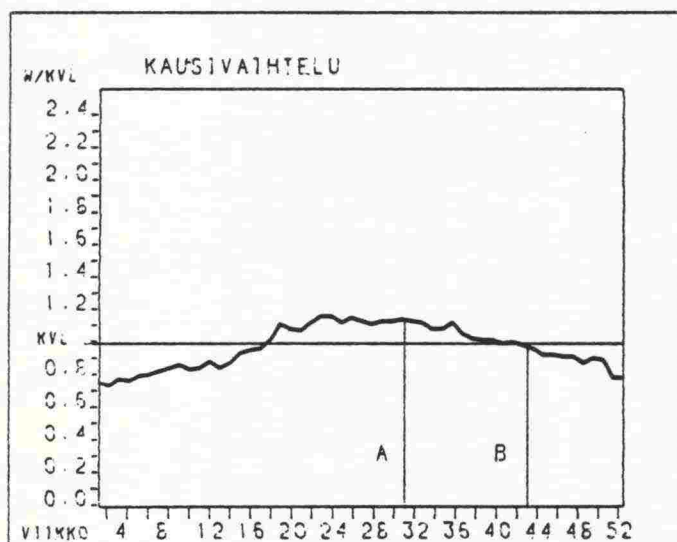
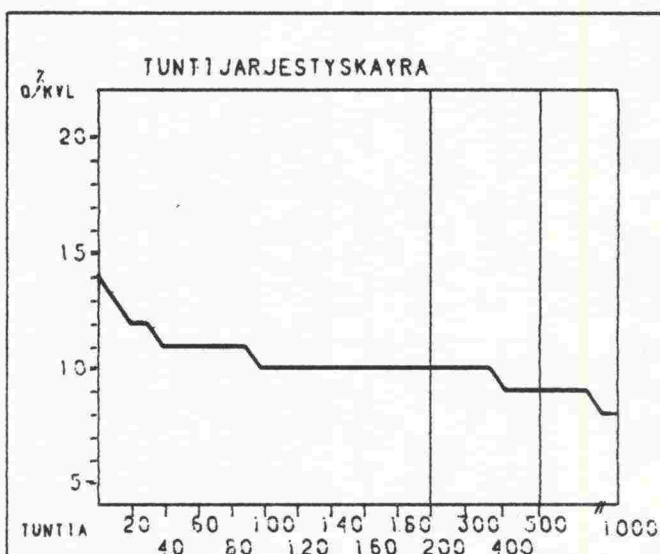
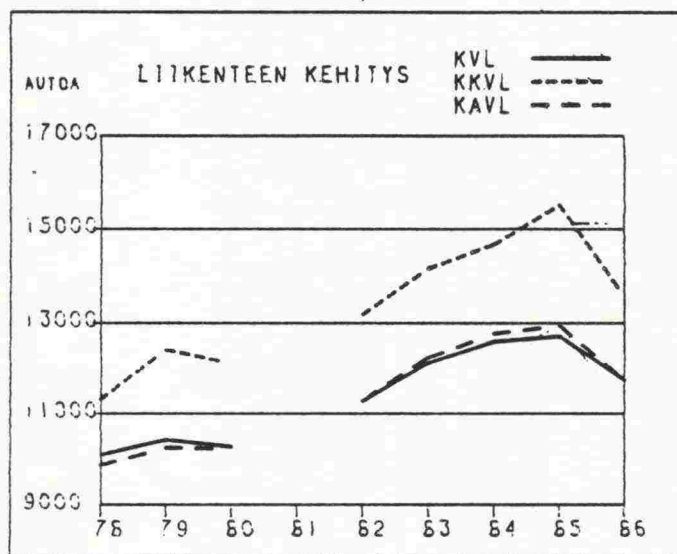
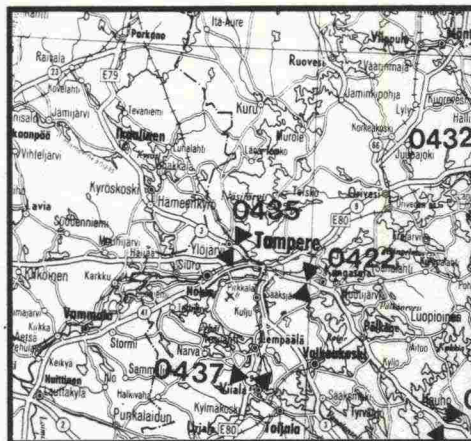
PA 9 %

LA 1 %

KAIP 6 %

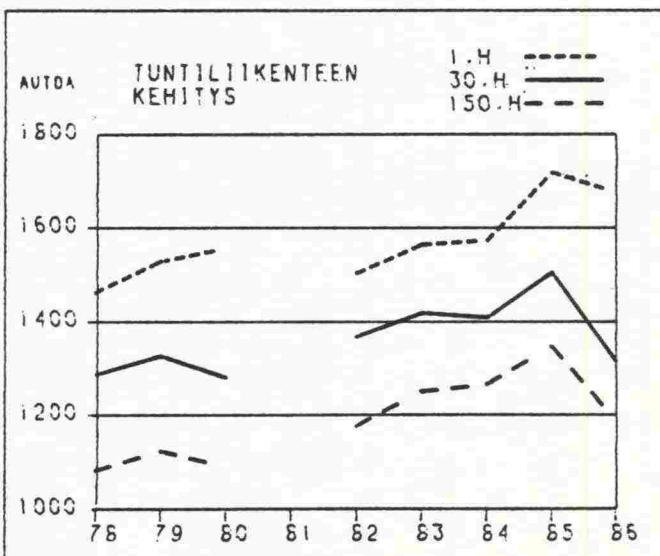
KAPP 1 %

KATP 2 %



H	O	PE-SU (KERTYMA)	HTK
1	1675	100	0.95
30	1314	90	0.86
100	1226	82	0.89
150	1184	73	0.92
300	1110	61	0.99
1000	903	53	0.88
5000	426	39	0.84

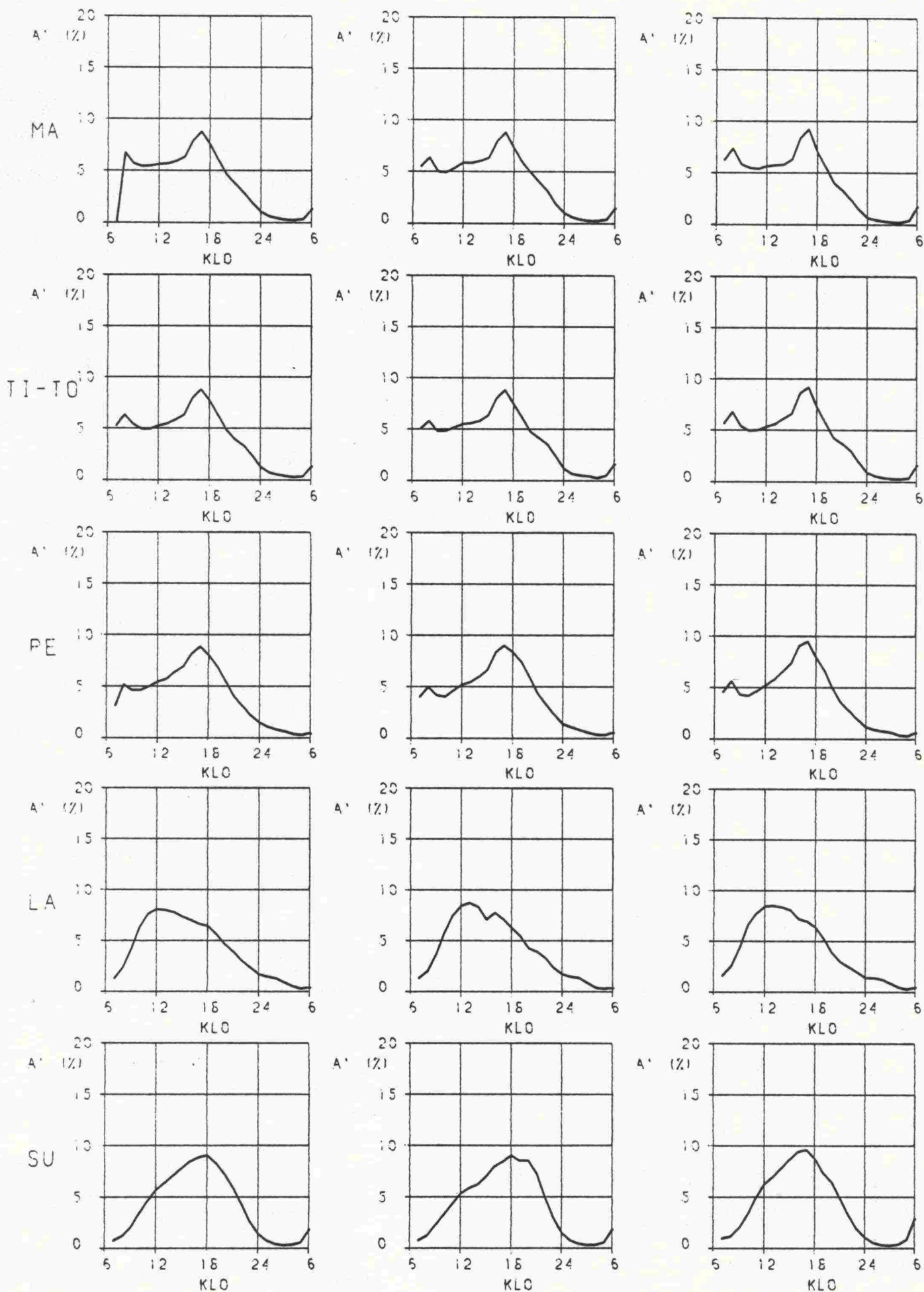
(*) MONTAKO 7 KO-ENSIMMAISISTA TUNNEISTA OSUUS PE-SU:ALLE



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LOKAKUU



436RIIHIMÄKI

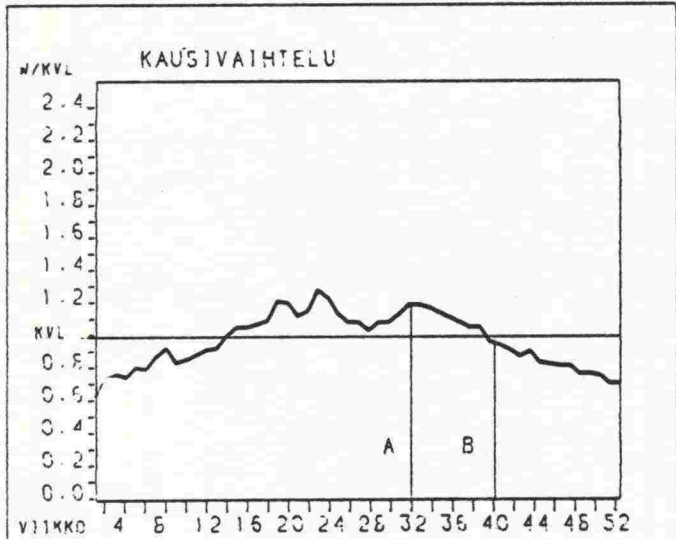
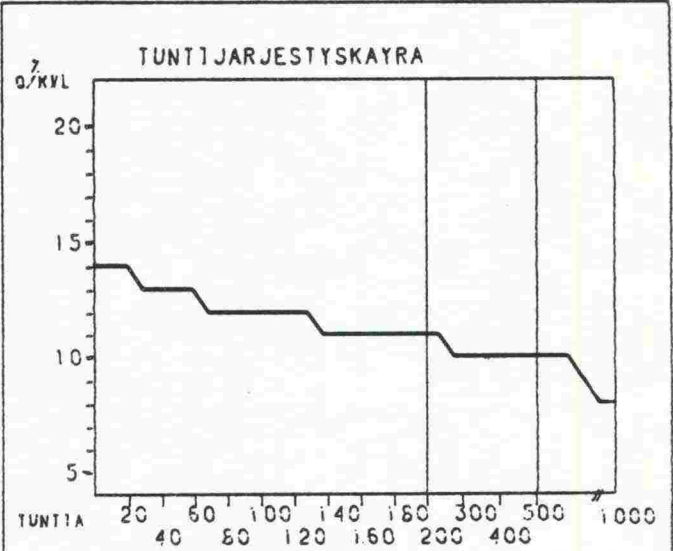
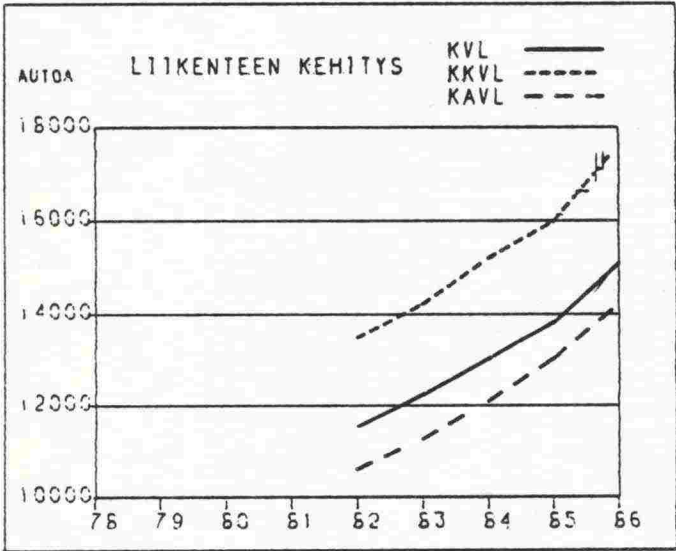
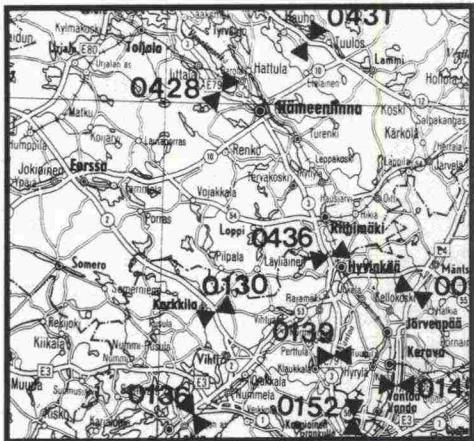
1986

VT3 TIEOSA 114 ETAISYYS 5.0KM

KVL 15078 B' (SU/KESA) 1.17
KAVL 14226
KKVL 17619 D' 1.16

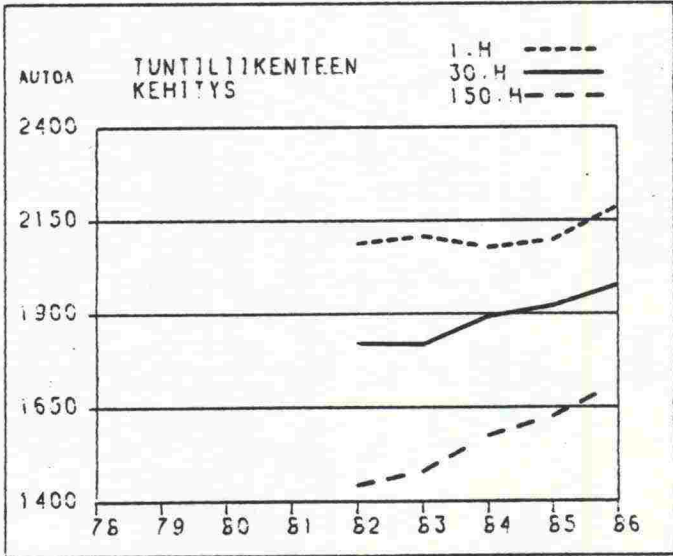
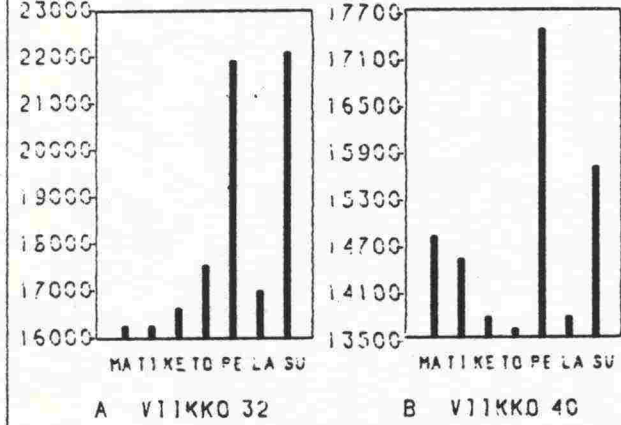
ARKILIIKENTEEN KOOSTUMUS

HA 75% PA 8 %
LA 1 % KAIP 6 %
KAPP 2 % KATP 8 %



H	D	PE-SU (*)	KERTYMA	HTK
1	2166	100	0.0	0.96
30	1976	96	1.1	0.93
100	1808	97	3.5	0.94
150	1710	97	5.1	0.94
300	1516	87	9.5	0.90
1000	1166	66	26.2	0.90
5000	518	41	86.8	0.90

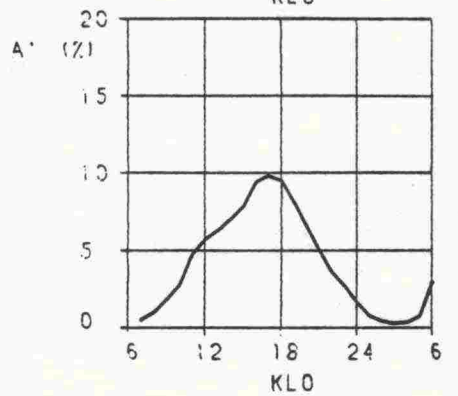
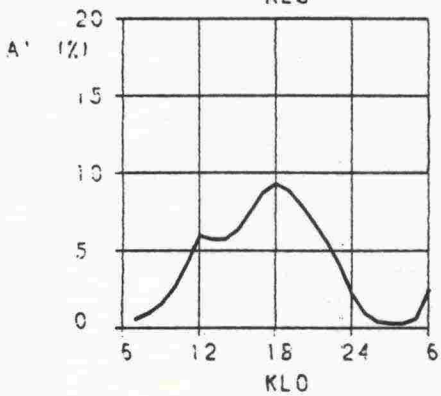
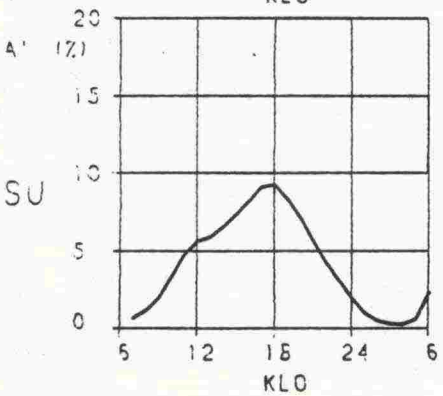
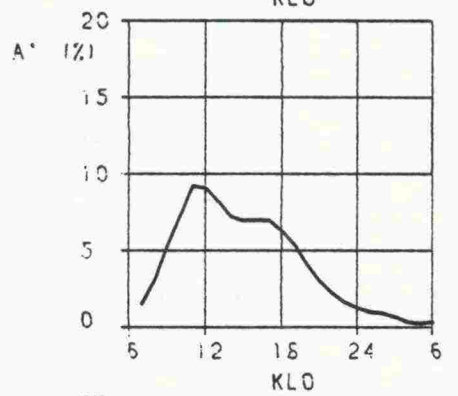
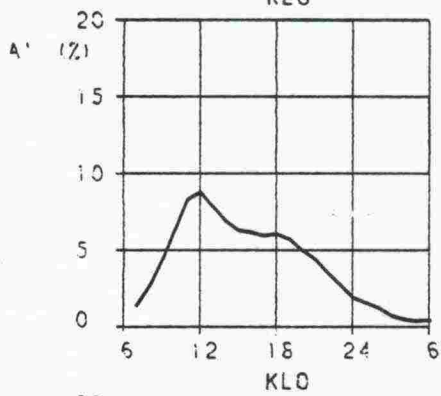
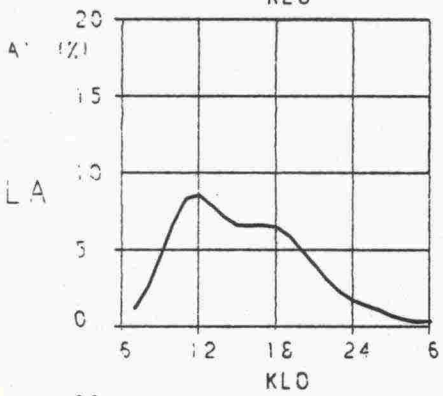
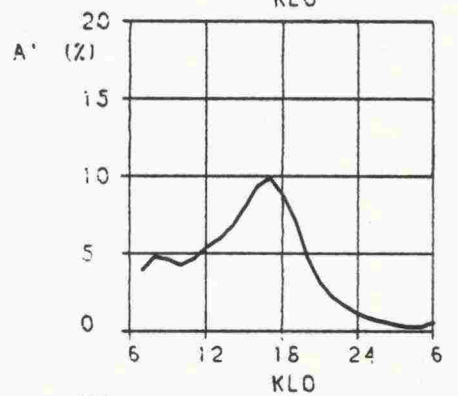
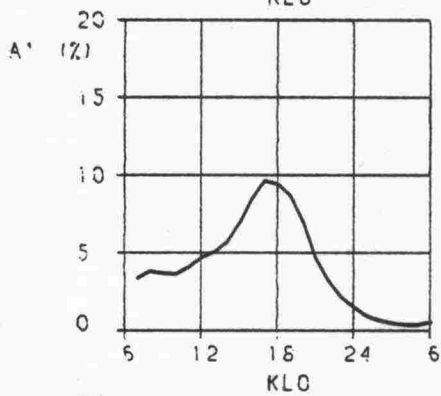
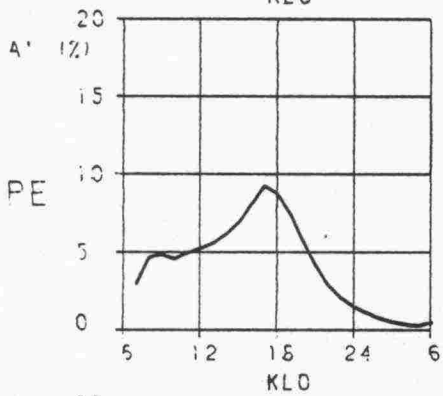
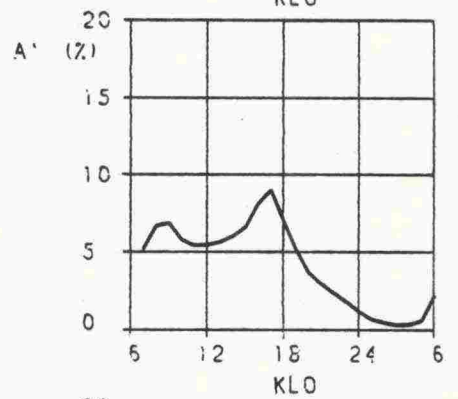
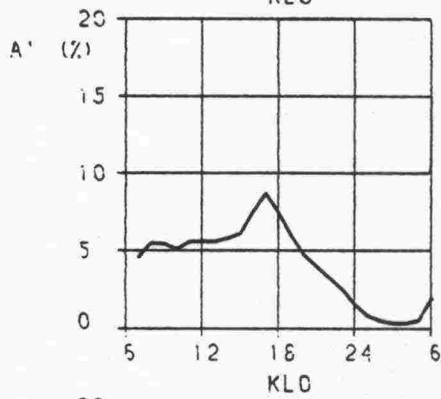
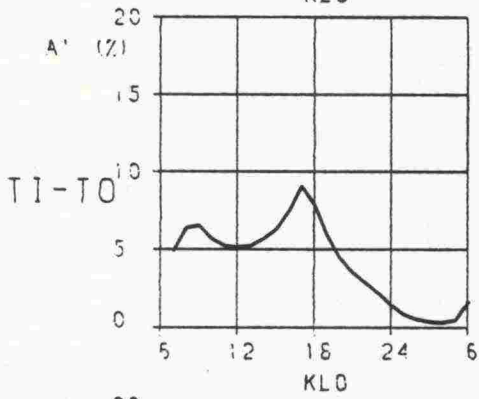
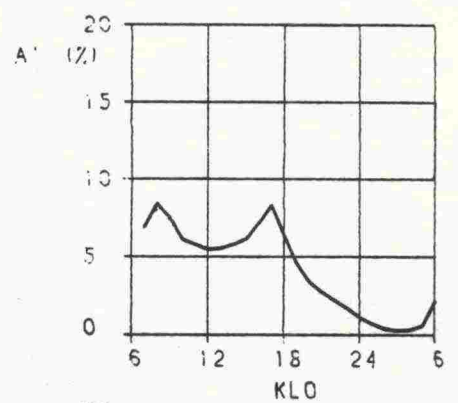
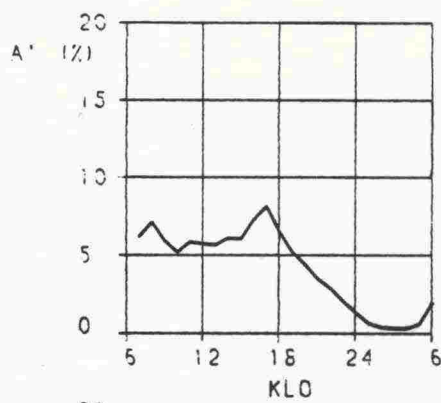
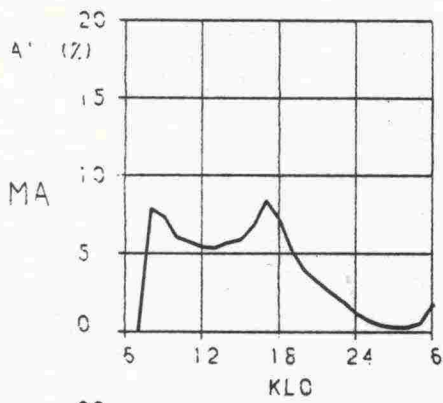
(*) MONTAKO 2 KO ENSIMMAISISTA TUNNEISTA OSUU PE-SU:LE



HELMIKUU

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437VIIIALA

1986

VT9 TIEGSA 126 ETAISYYS 1.0KM

KVL 5126 B' (SU/KESA) 1.09

KAVL 4891

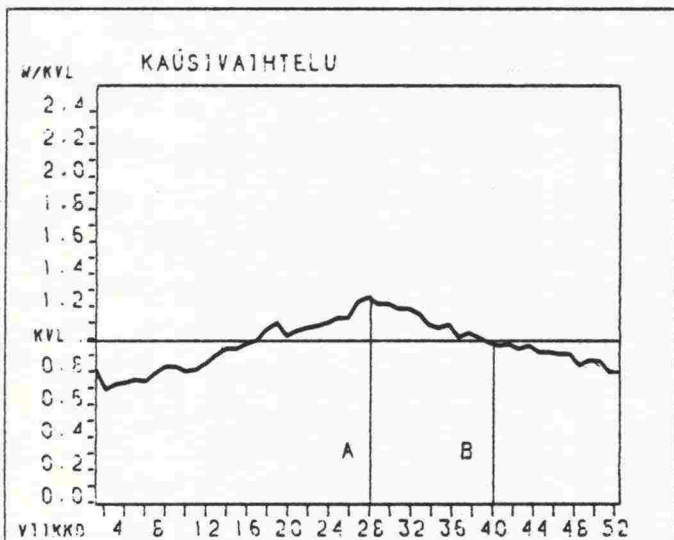
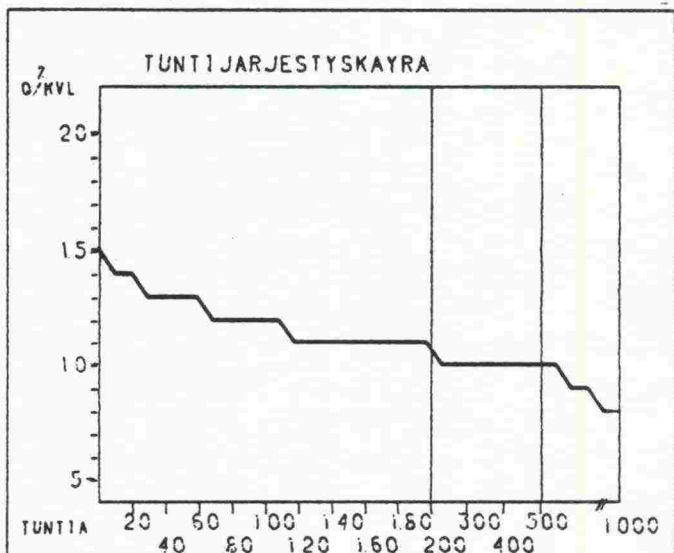
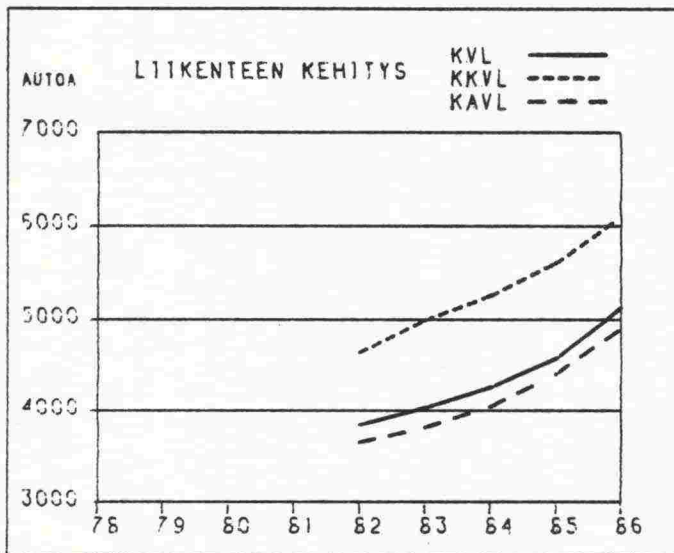
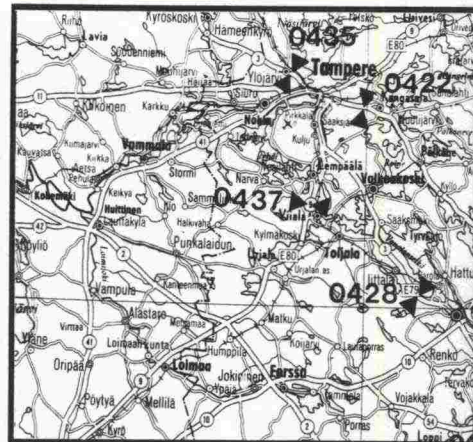
KKVL 6094 D' 1.18

ARKILIIKENTEEN KOOSTUMUS

HA 78 % PA 8 %

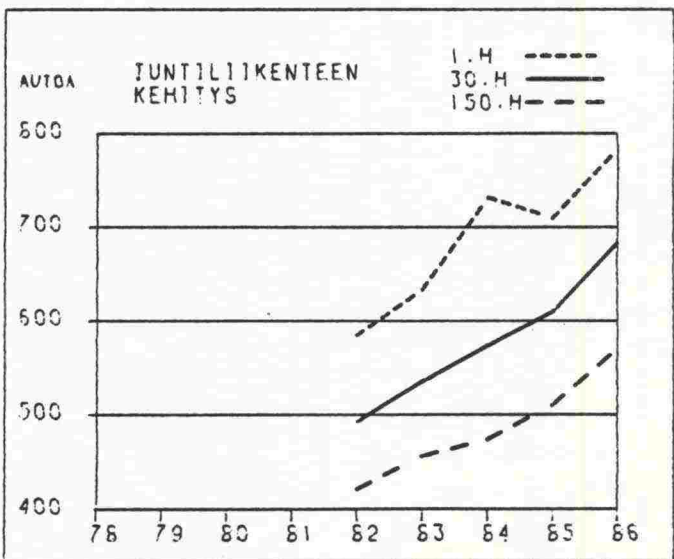
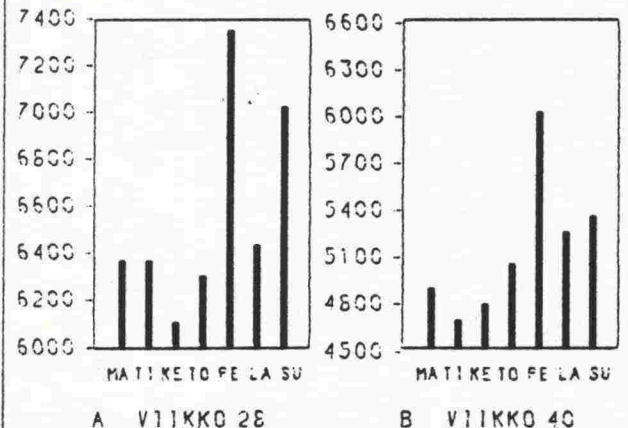
LA 2 % KAIP 5 %

KAPP 1 % KATP 6 %



H	Q	PE-SU (• KERTYMA	HTK
1	783	100	0.0
30	562	93	1.2
100	605	93	3.6
150	569	92	5.1
300	506	80	9.4
1000	396	62	25.9
5000	166	41	67.1

(•) MONTAKO % KO ENSIMMAISISTA TUNNEISTA OSUU PE-SU LLE

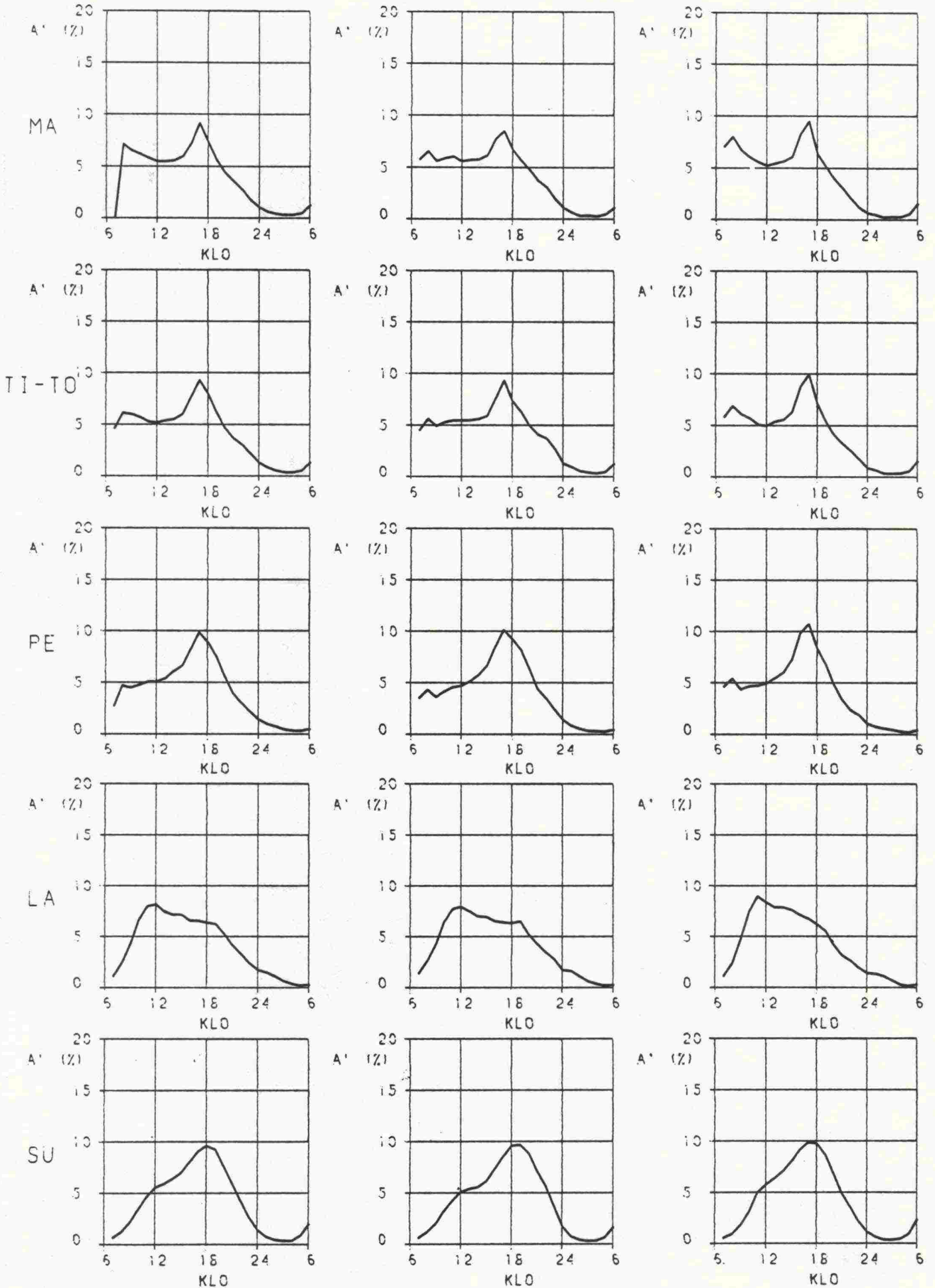


TUNTIVAIHTELUT

HELMIKUU

HEINAKUU

LOKAKUU

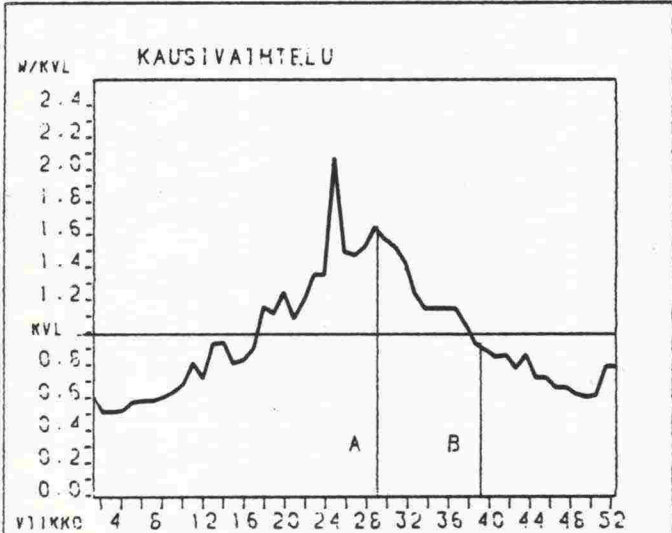
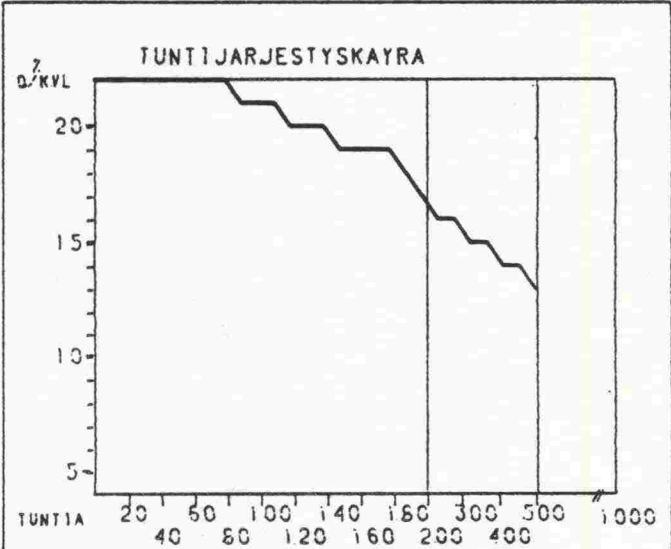
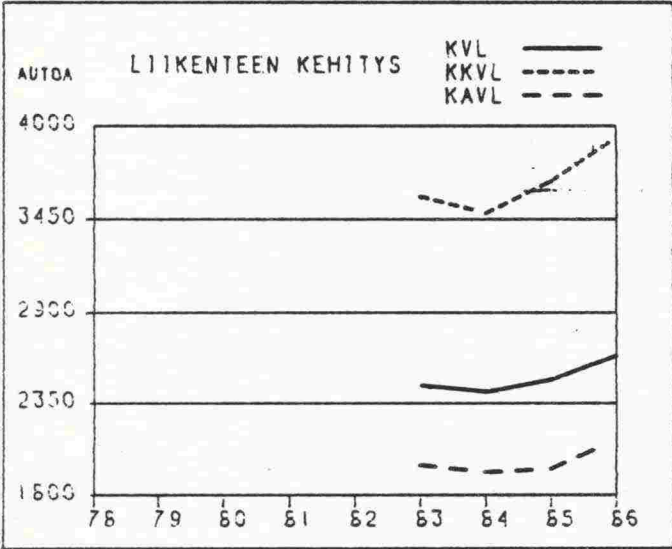
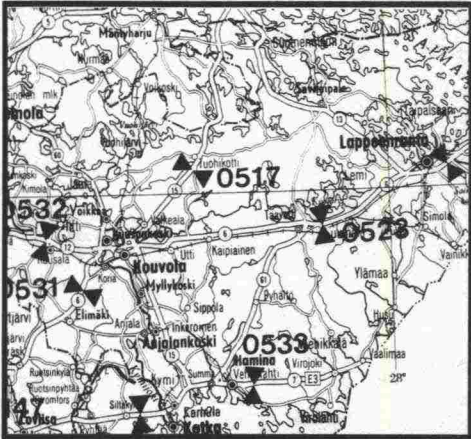


517TUOHIKOTTI 1986
VT15 TIEOSA 15 ETAISYYS 2.0KM

KVL 2629 B' (SU/KESA) 1.54
KAVL 2129
KKVL 3933 D' 1.49

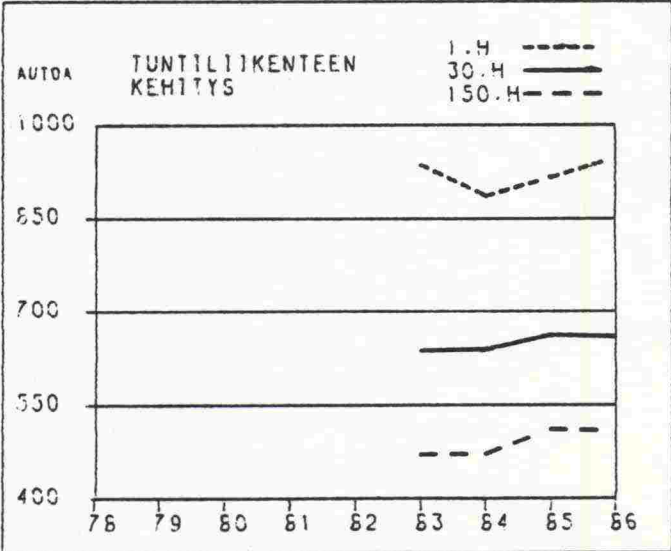
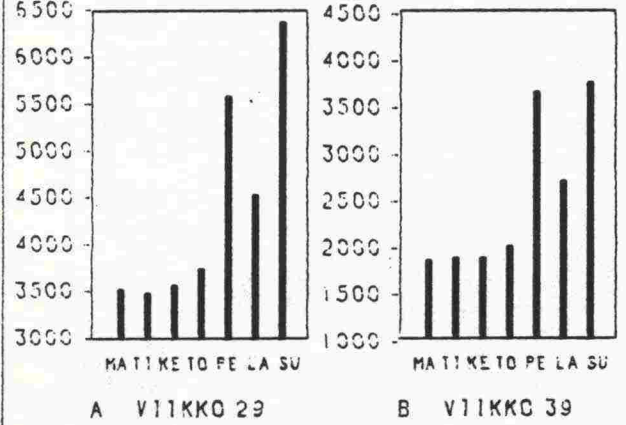
ARKILIIKENTTEEN KOOSTUMUS

HA 76 % PA 5 %
LA 1 % KAIP 4 %
KAPP 1 % KATP 13%



H	D	PE-SU (•KERTYMA	HTK
1	947	0	0.1
30	659	80	2.3
100	554	92	6.6
150	509	92	9.5
300	370	91	16.3
1000	217	78	36.0
5000	70	43	66.7

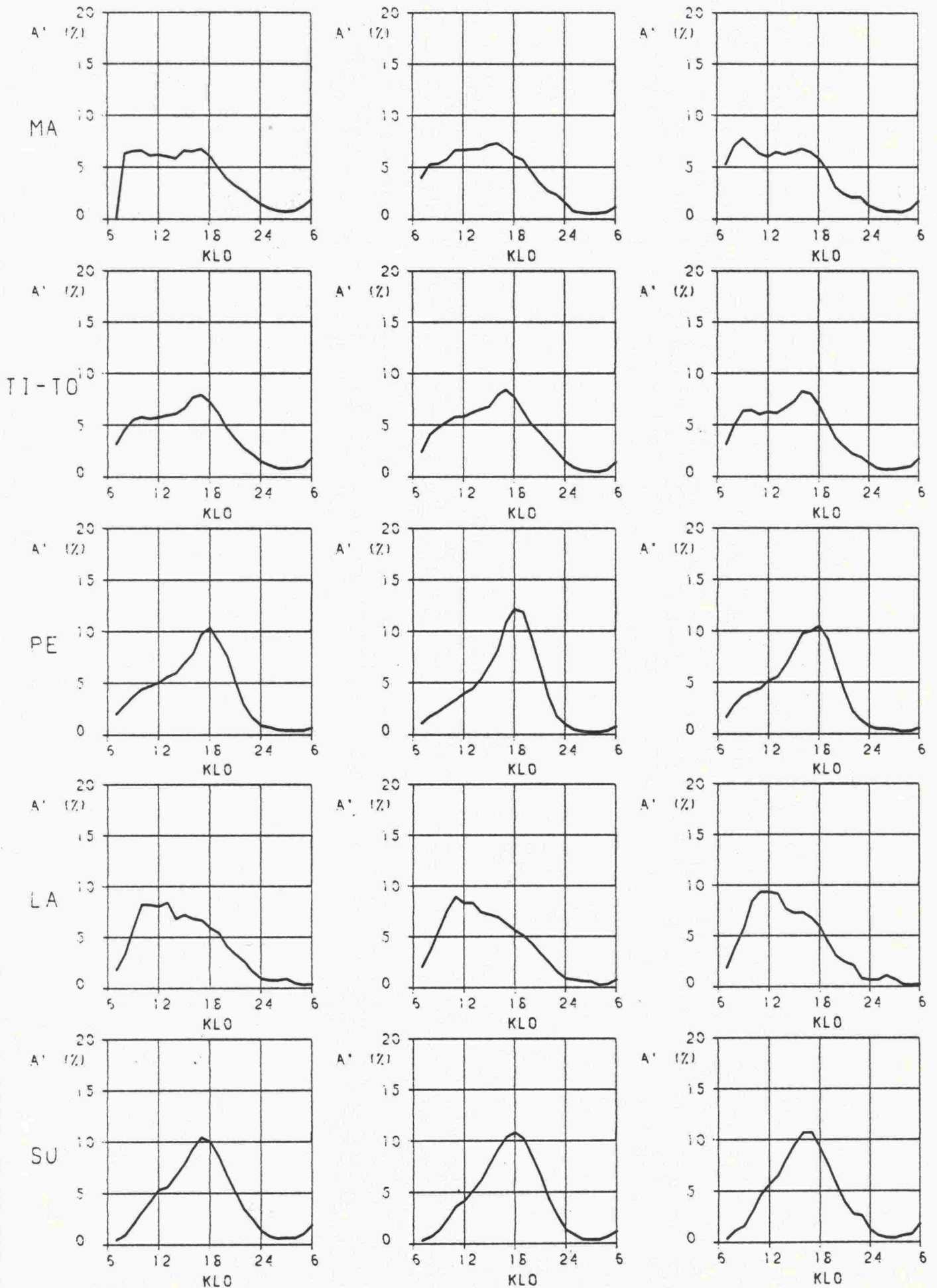
(•) MONTAKO 2 KO-ENSIMMAISISTA TUNNEISTA OSUU PE-SU-ALLE



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HEINAKUU

LOKAKUU



518 LAPPEENRANTA

1986

VT6 TIEOSA 303 ETAISYYS 2.5 KM

KVL 9317 B' (SU/KESA) 1.07

KAVL 9208

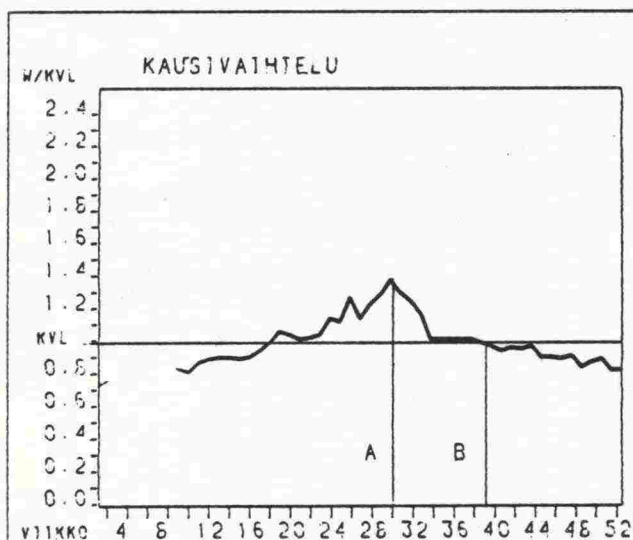
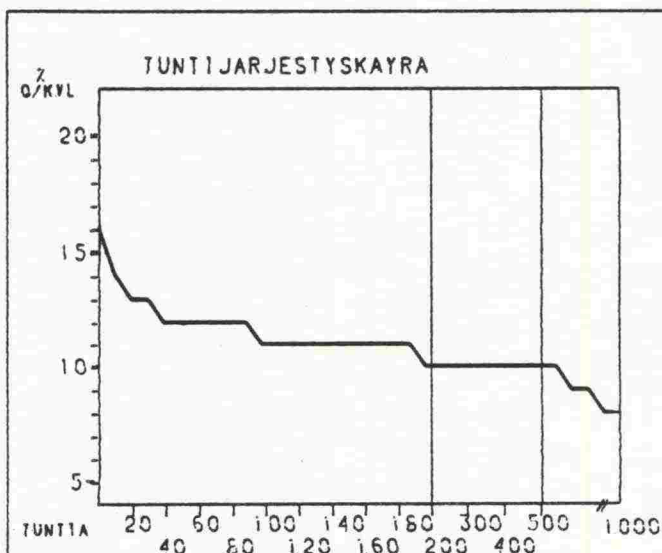
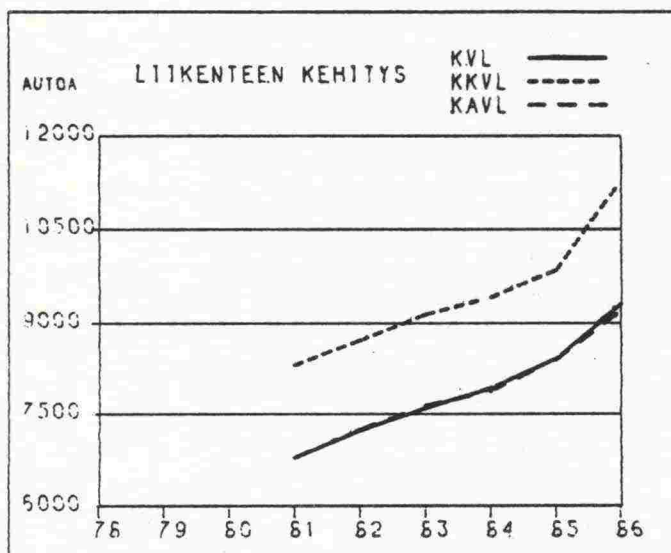
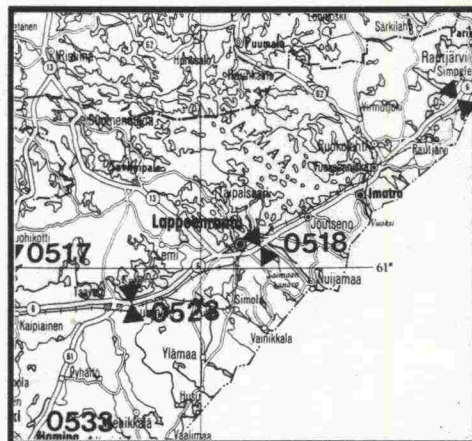
KKVL 11288 D' 1.21

ARKILIIKENTEEN KOSTUMUS

HA 78 % PA 6 %

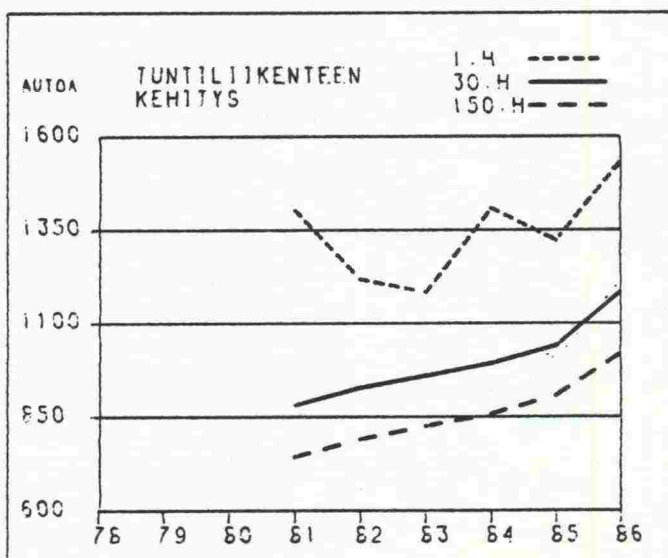
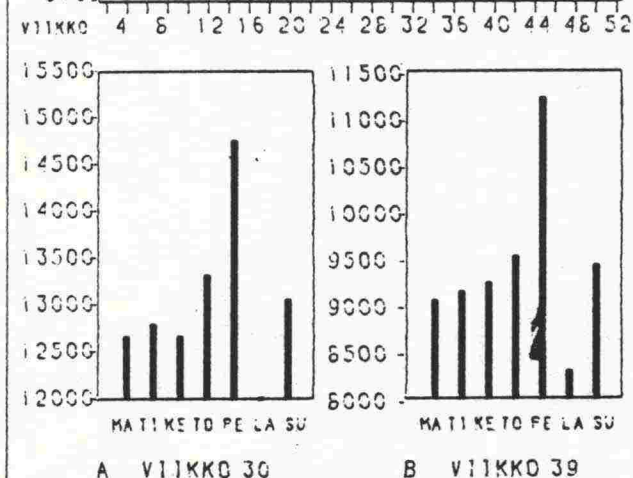
LA 1 % KAIP 6 %

KAPP 1 % KATP 8 %



H	O	PE-SU (KERTYMA)	HTK
1	1530	100	0.1
30	1182	90	1.1
100	1064	84	3.4
150	1017	78	5.0
300	918	73	9.2
1000	725	56	25.9
5000	307	40	86.7

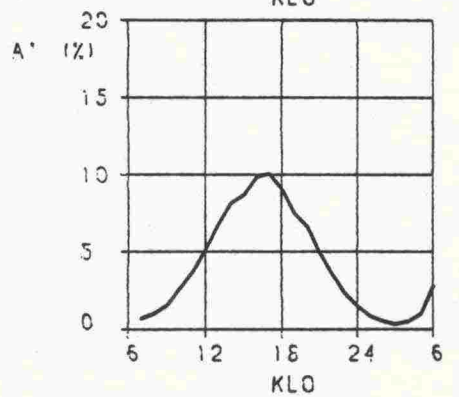
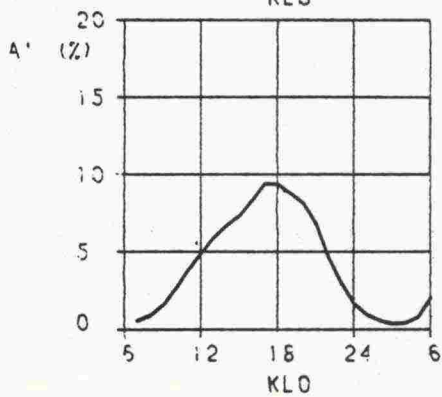
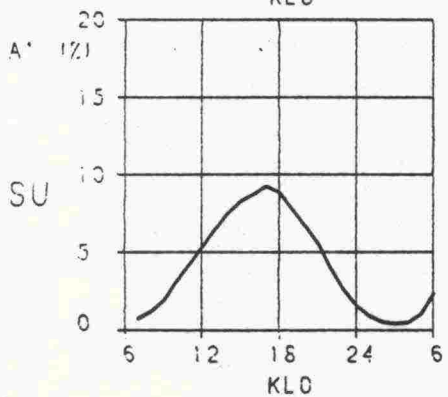
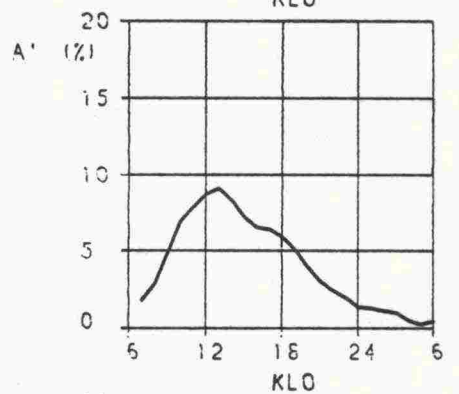
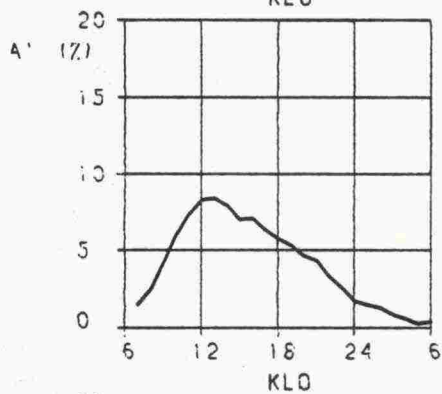
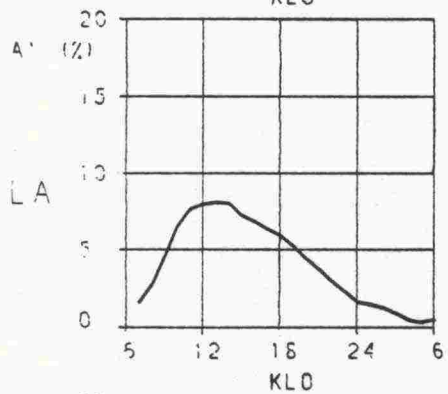
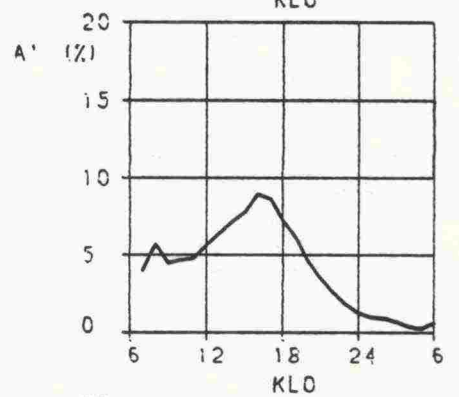
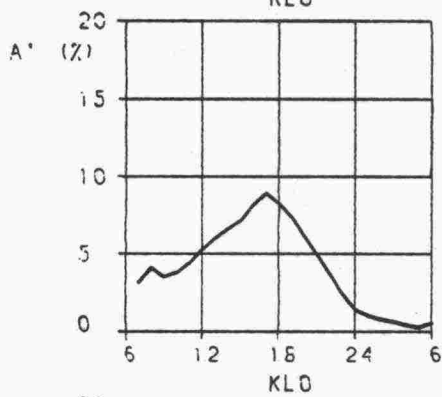
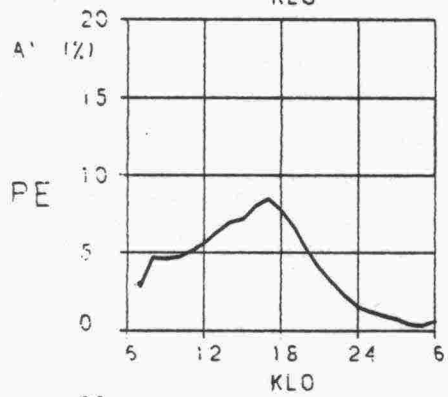
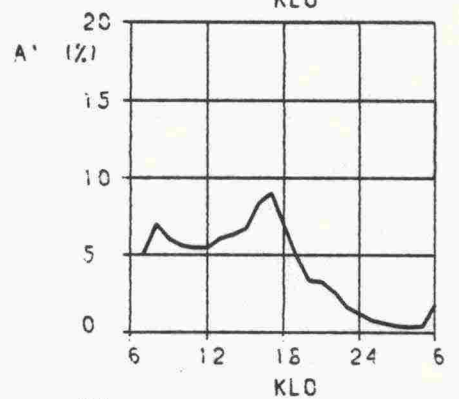
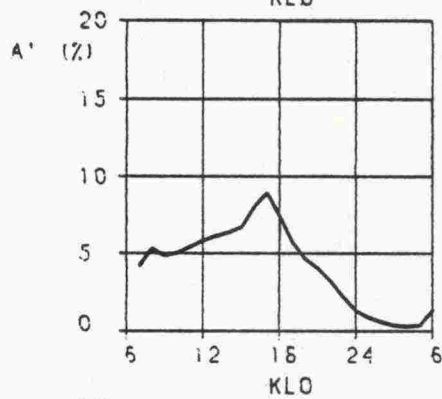
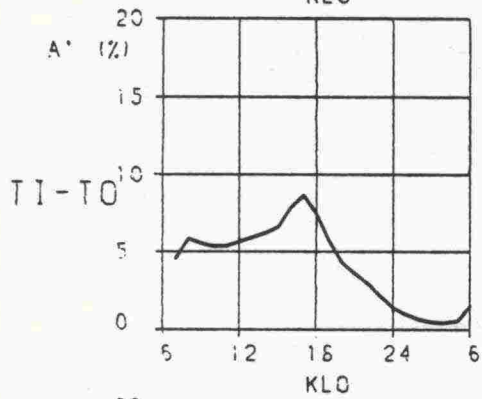
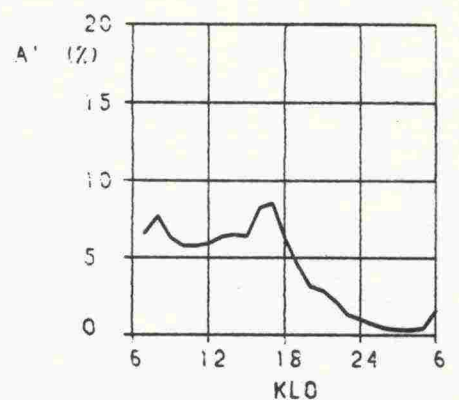
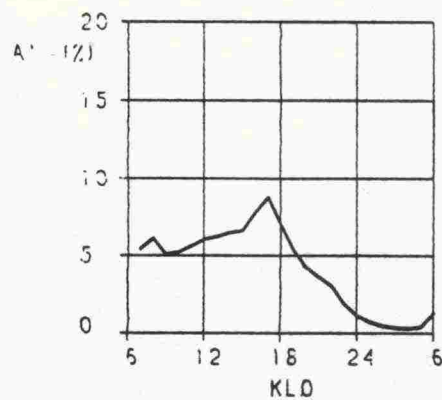
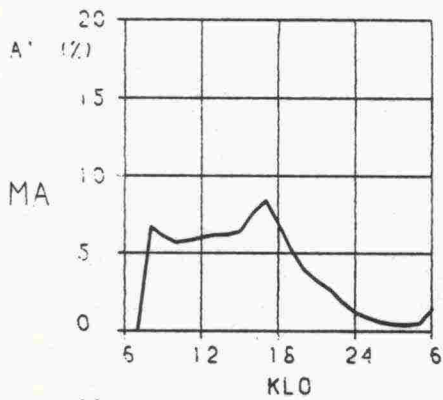
(*) MONTAKO Z KO ENSIMMAISISTA TUNNEISTA OSUV PE-SU-ALLE



HELMIKUU

HEINAKUU

LOKAKUU



522KOTKA/PYHTÄÄ

1986

VT7 TIESA 11 ETAISYYS 1.9 KM

KVL 5702 B' (SU/KESA) 1.03

KAVL 5563

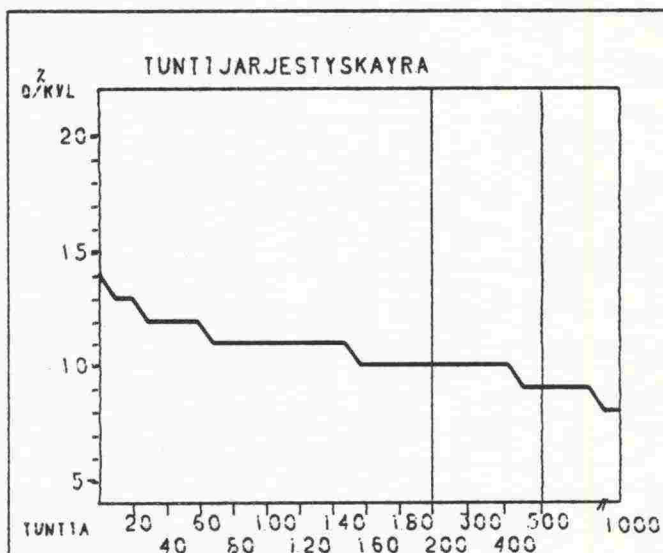
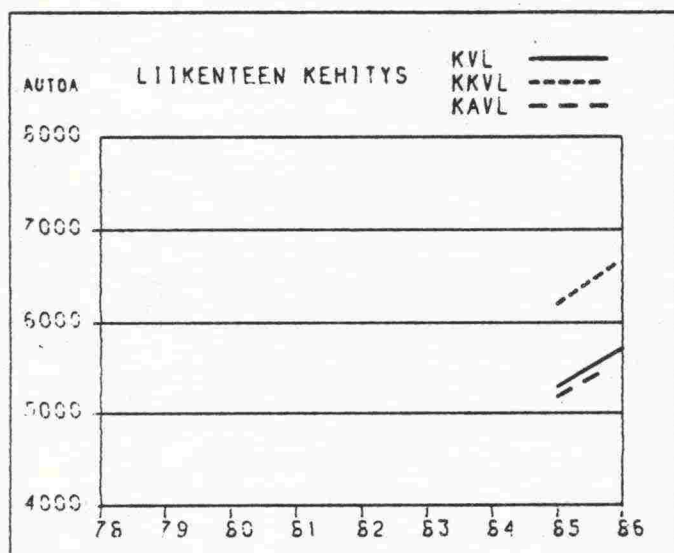
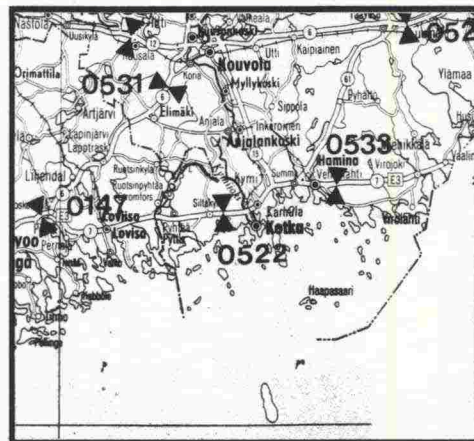
KKVL 6677 D' 1.17

ARKILIIKENTEEN KOOSTUMUS

HA 77 % PA 7 %

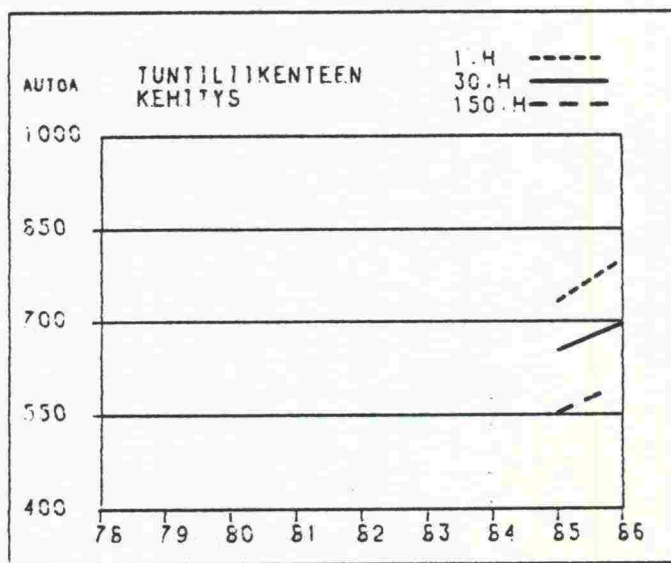
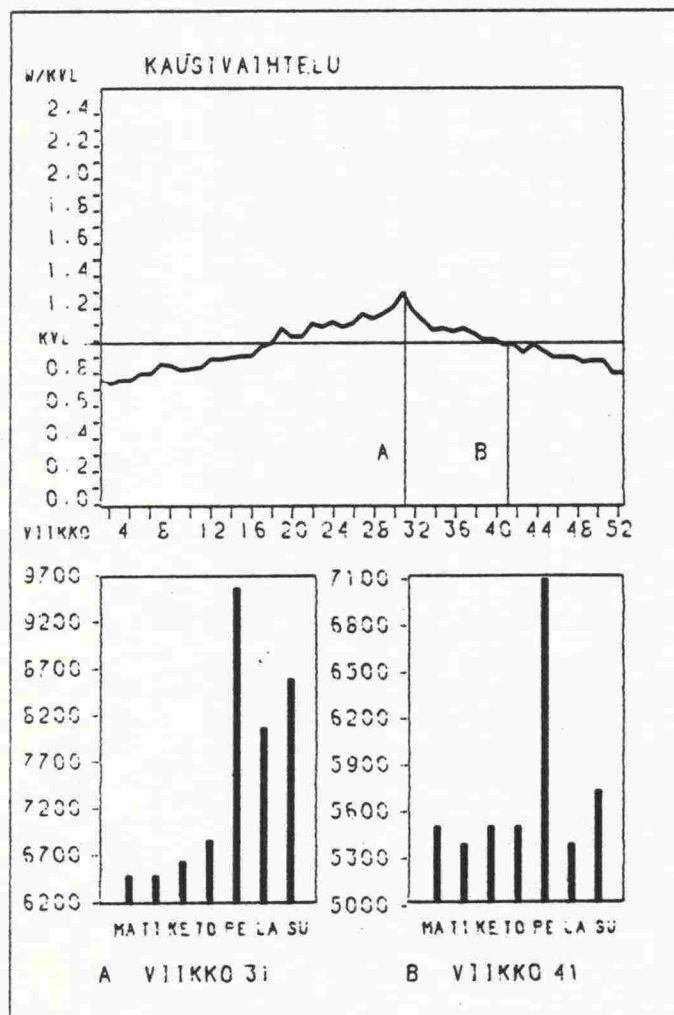
LA 2 % KAIP 4 %

KAPP 2 % KATP 8 %



H	G	PE-SU (KERTYMA)	HTK
1	799	100	0.0
30	695	96	1.1
100	628	96	3.3
150	599	93	4.7
300	545	78	8.9
1000	439	62	25.2
5000	195	40	87.1

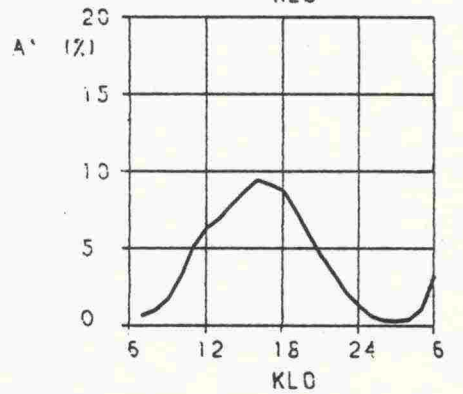
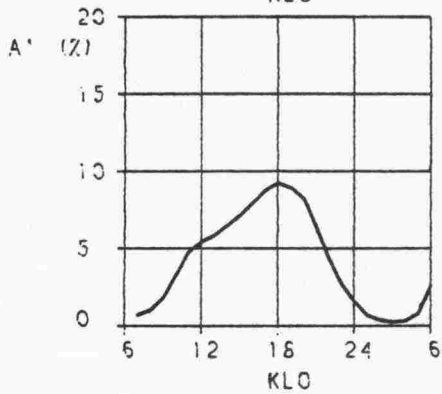
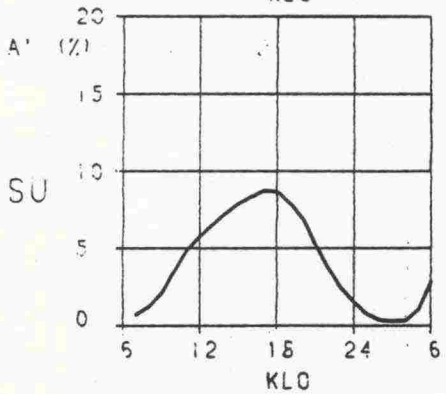
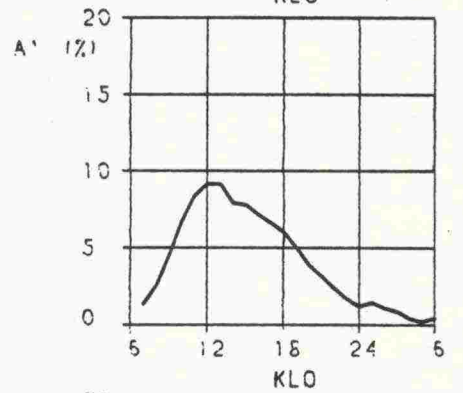
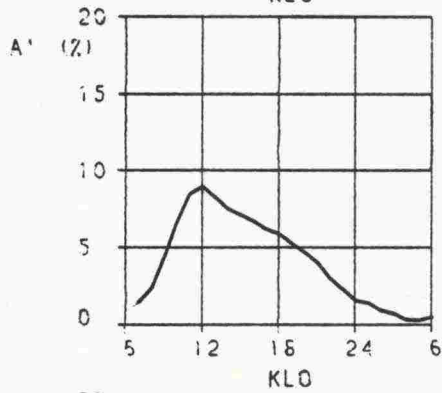
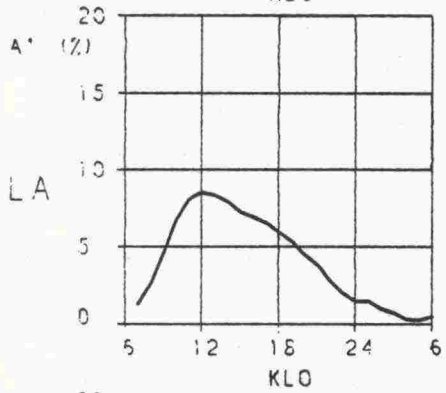
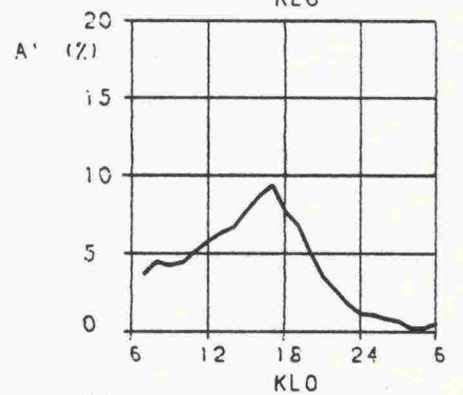
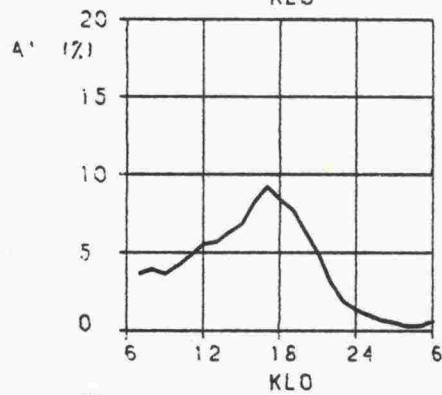
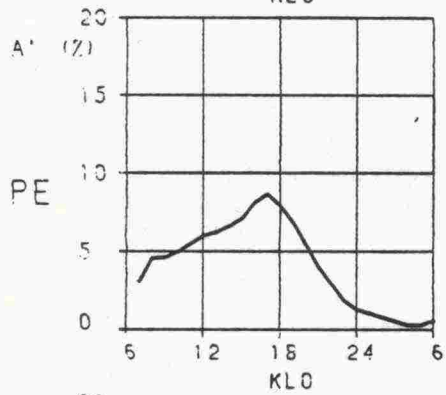
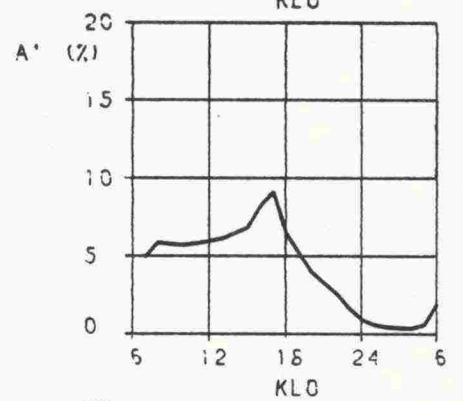
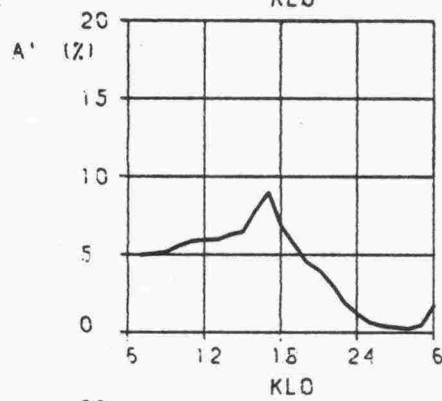
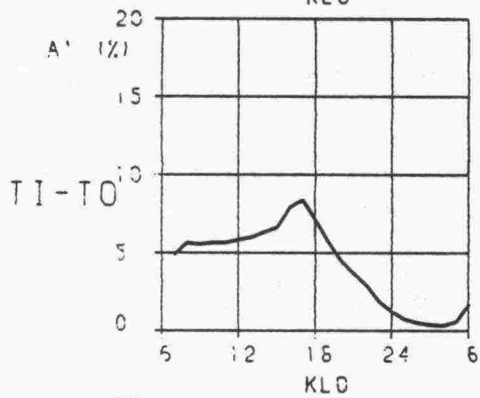
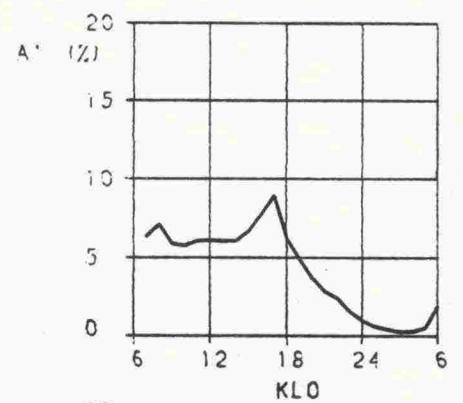
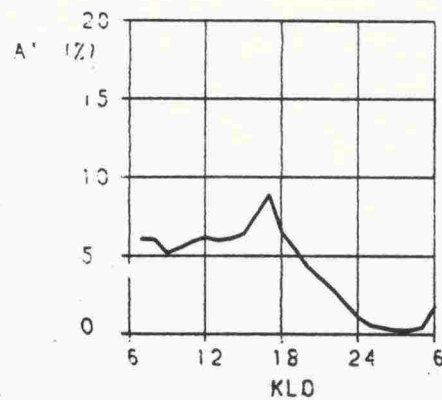
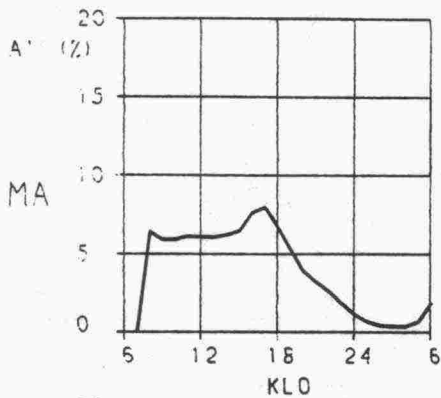
(*) MONTAKO 2 KD-ENSIMMAISISTA TUNNEISTA OSUU PE-SU:ILLE



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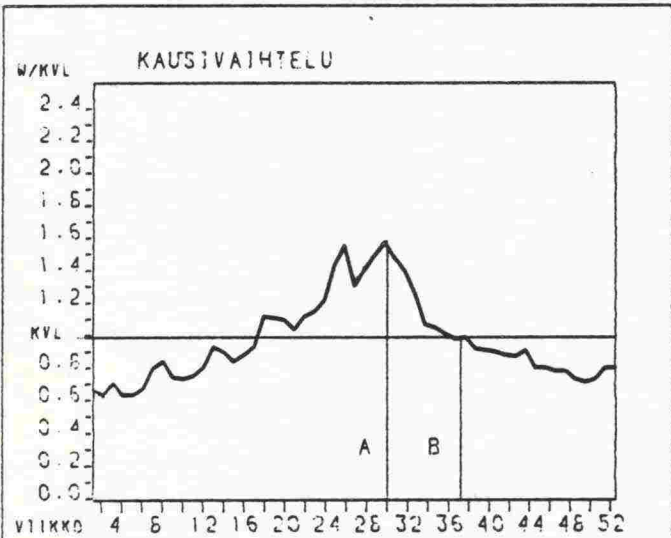
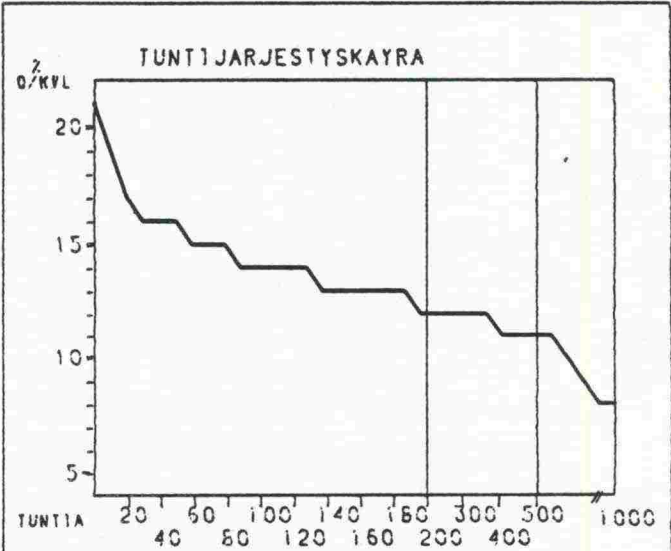
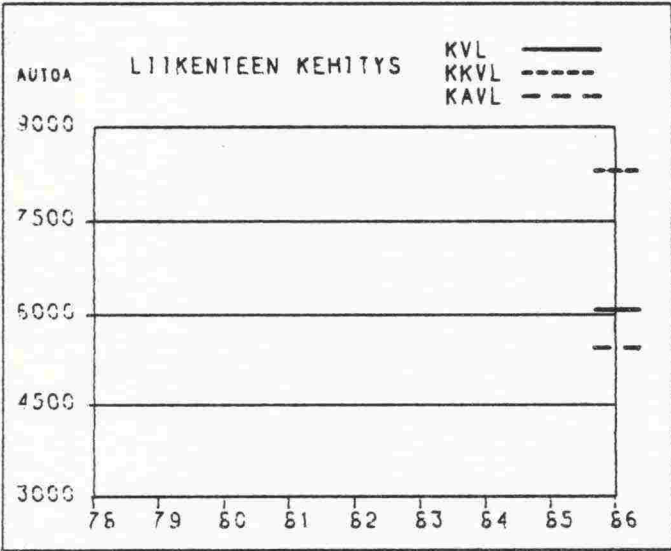
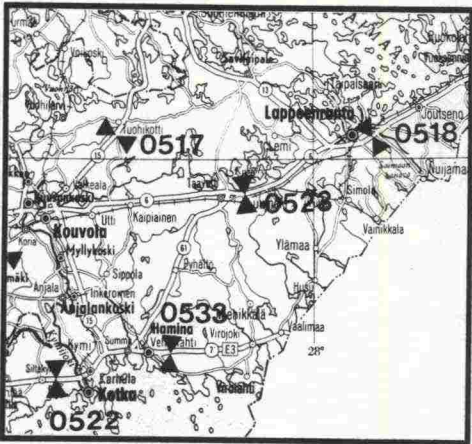


523TAAVETTI 1986
VT6 TIEGSA 210 ETAISYYS 3.0KM

KVL 6055 B' (SU/KESA) 1.26
KAVL 5469
KKVL 8294 D' 1.36

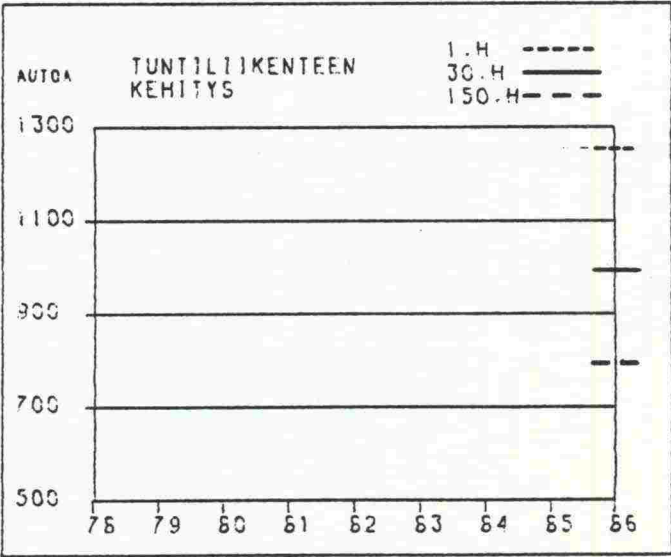
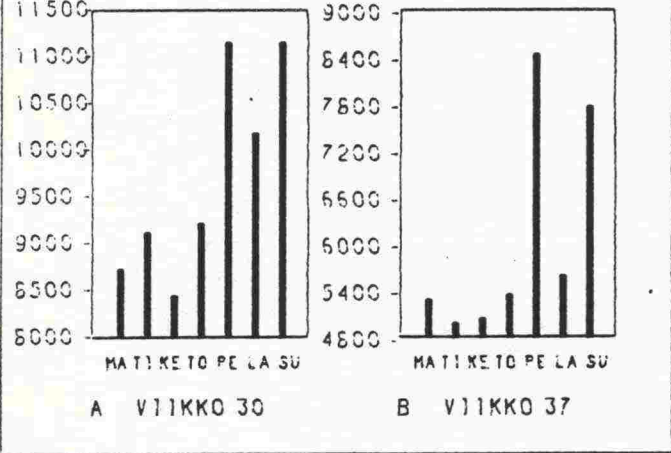
ARKILIIKENTEEN KOSTUMUS

HA 74% PA 6 %
LA 2 % KAIP 4 %
KAPP 2 % KATP 12%



H	D	PE-SU (•)	KERTYMA	HTK
1	1256	100	0.1	0.95
30	995	86	1.5	0.84
100	852	92	4.4	0.93
150	802	92	6.3	0.93
300	682	90	11.3	0.96
1000	475	72	28.9	0.89
5000	196	42	85.9	0.96

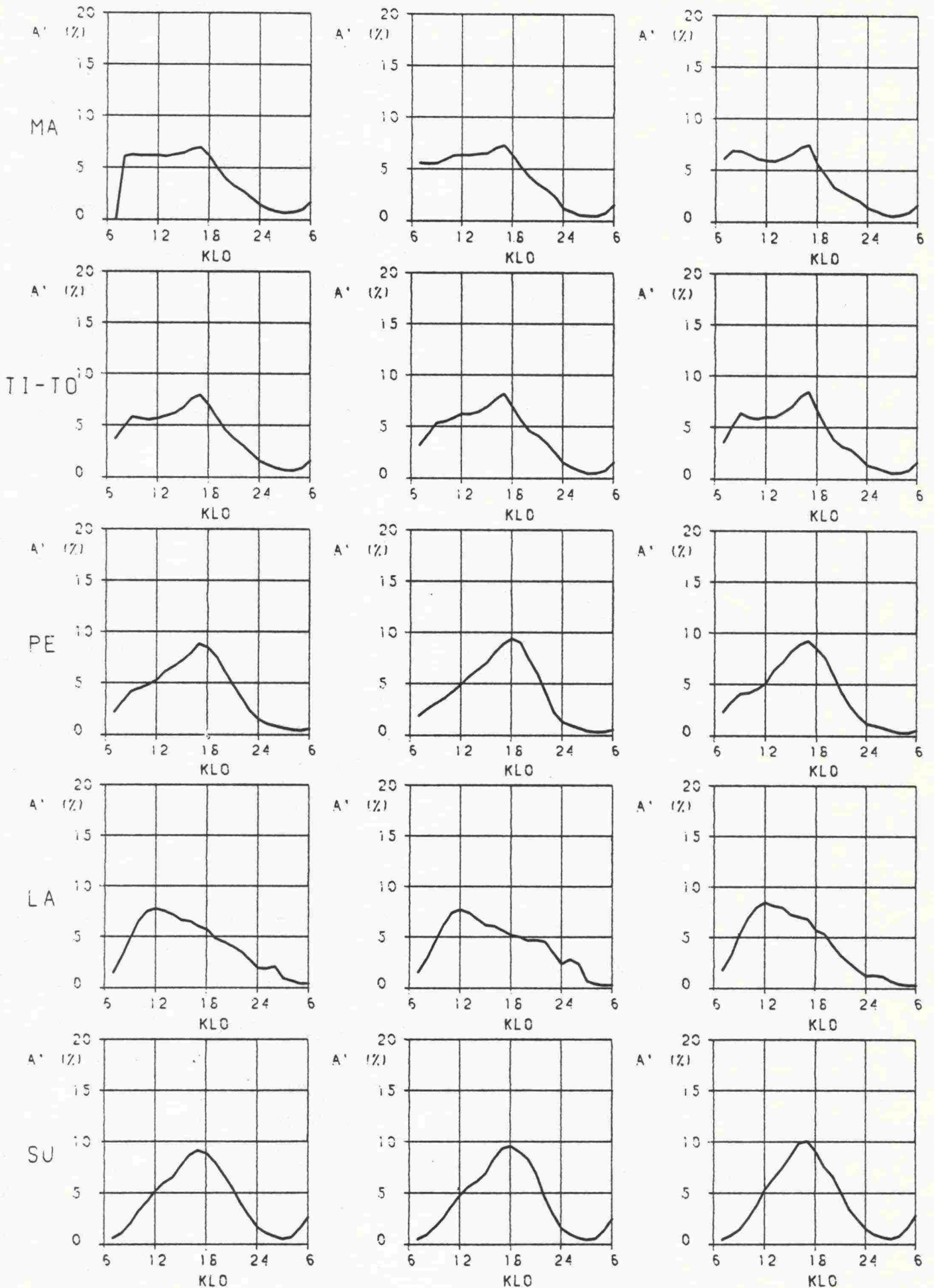
(•) MONTAKO 2 KO ENSIMMAISISTA TUNNEISTA OSUU PE-SU:ILLE



HELMIKUU

HEINAKUU

LOKAKUU



531 ELIMÄKI

1981

VT6

TIEOSA 127 ETAISYYS 0.5 KM

KVL 5597

B' (SU/KESA) 1.39

KAVL 4871

KKVL 7307

D' 1.30

ARKILIIKENTEEEN KOOSTUMUS

HA 79%

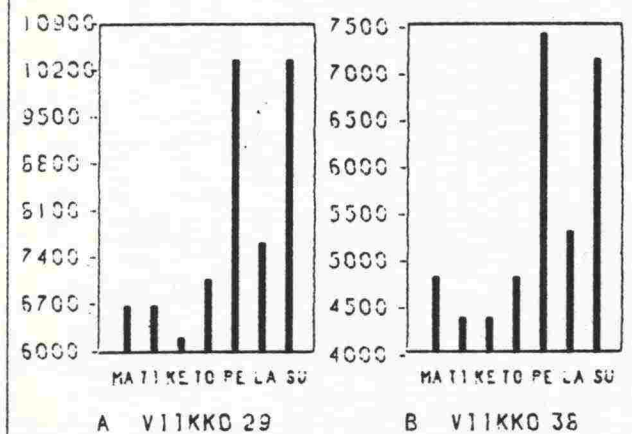
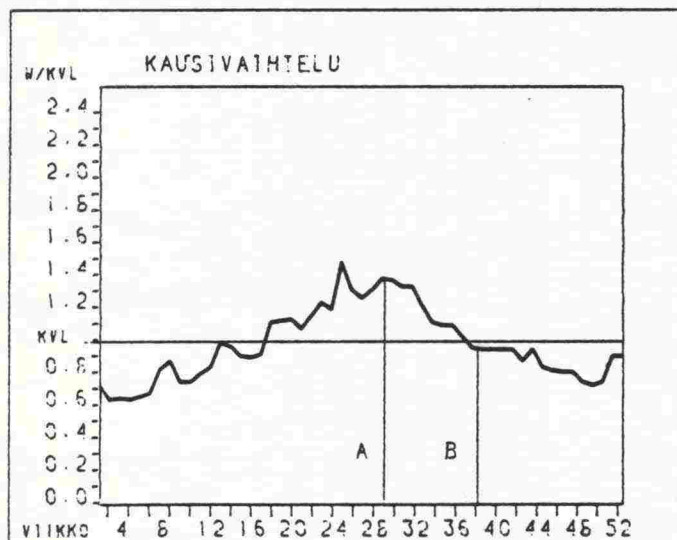
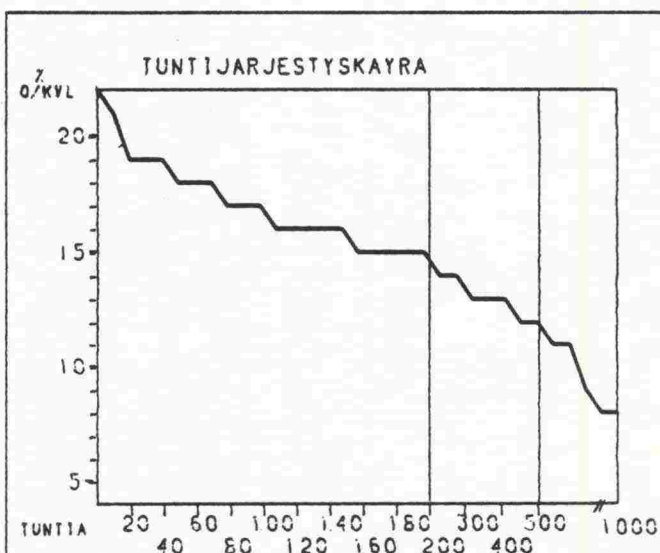
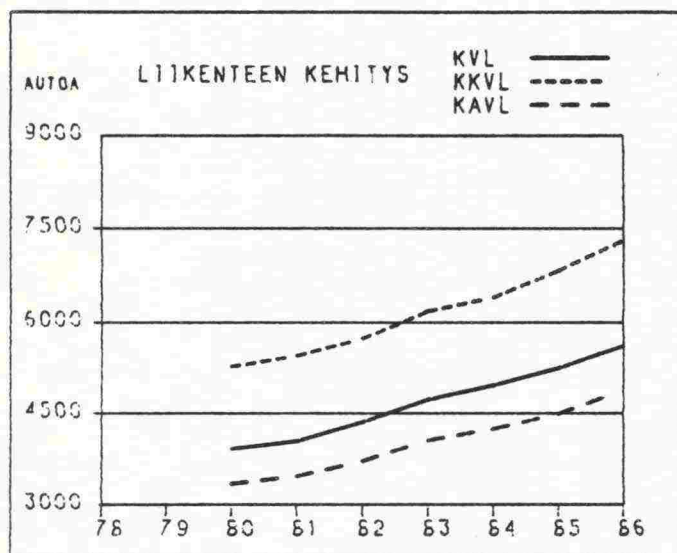
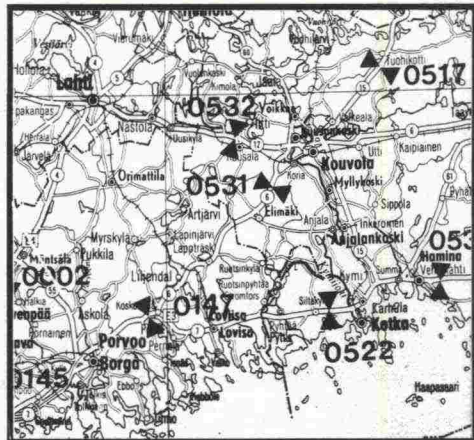
PA 6%

LA 2%

KAIP 4%

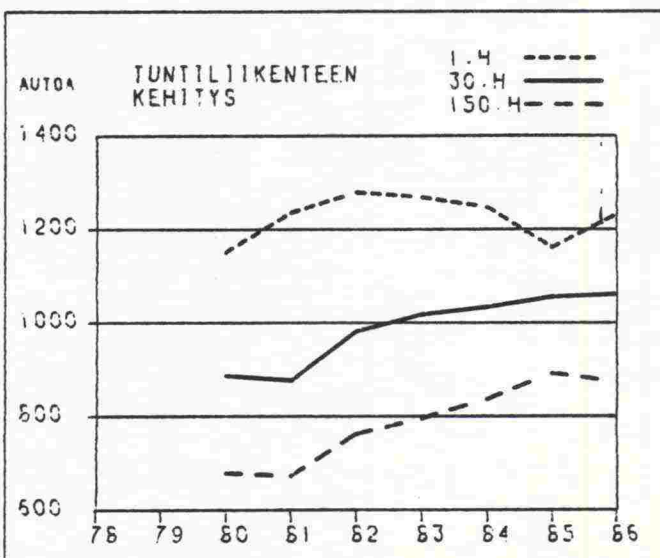
KAPP 2%

KATP 7%



H	O	PE-SU (•) KERTYMA	HTK
1	1231	100	0.1
30	1061	83	1.6
100	926	90	5.0
150	872	89	7.2
300	701	92	13.0
1000	436	79	31.1
5000	179	42	87.5

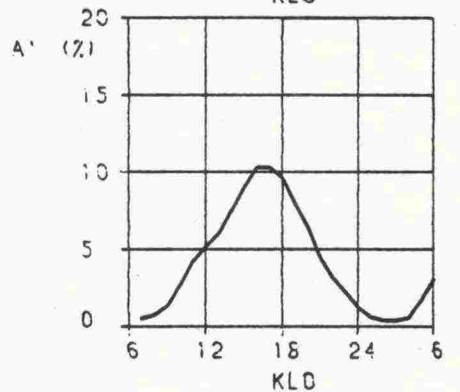
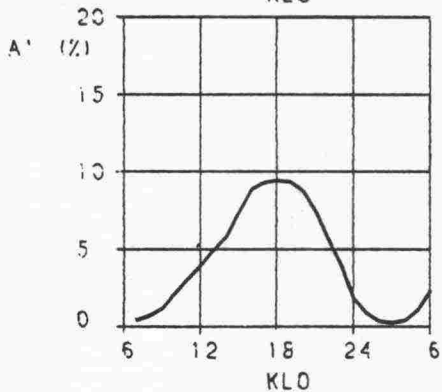
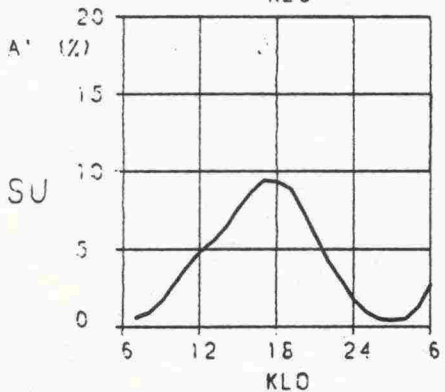
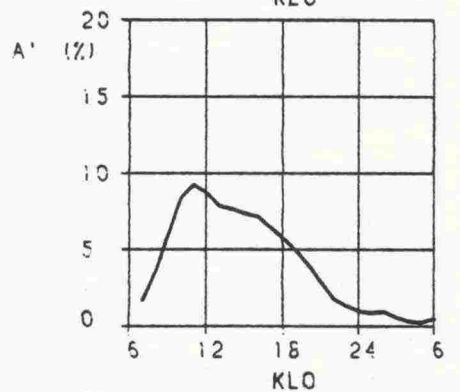
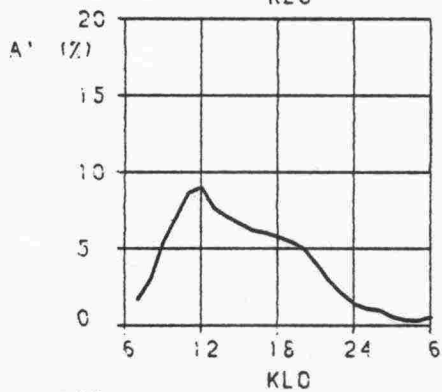
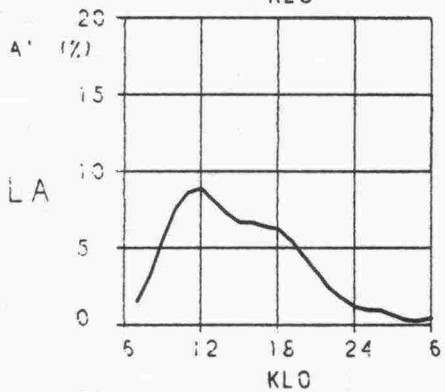
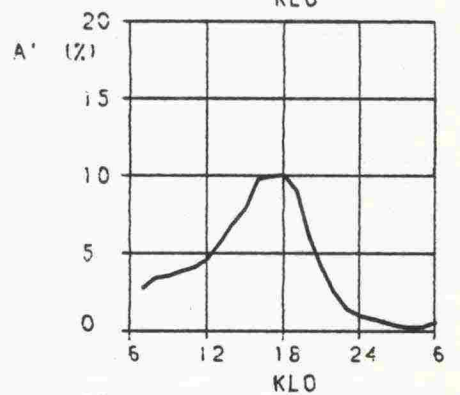
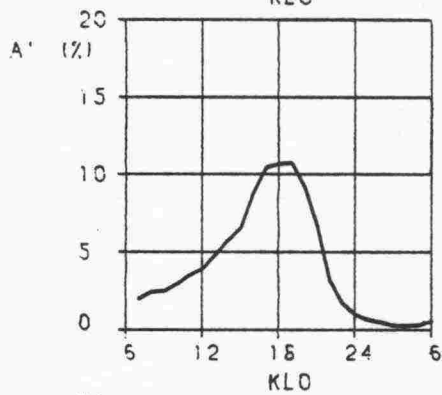
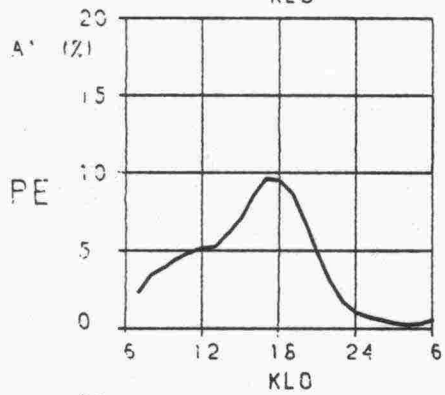
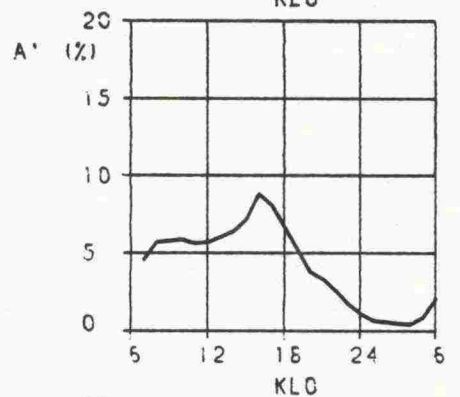
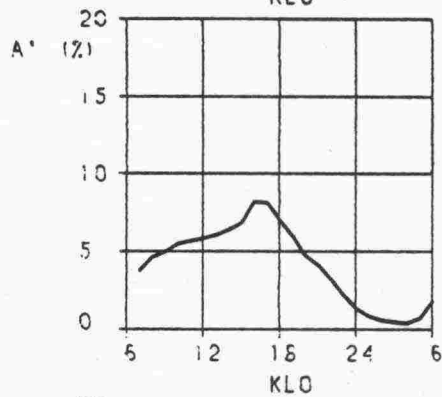
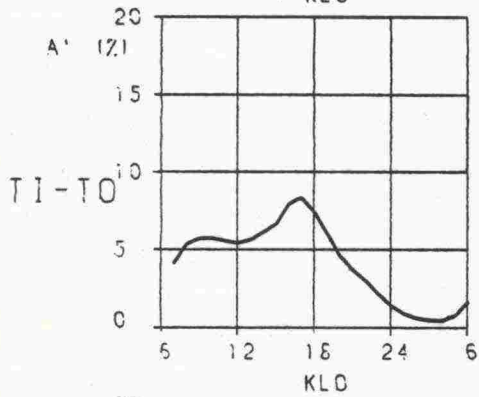
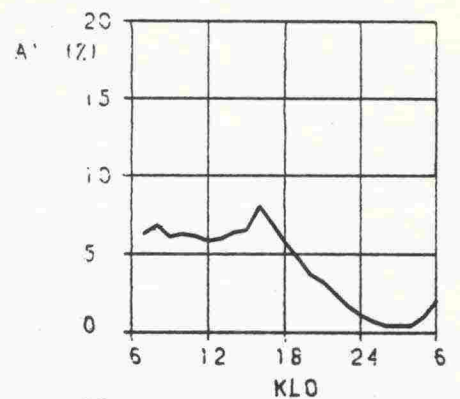
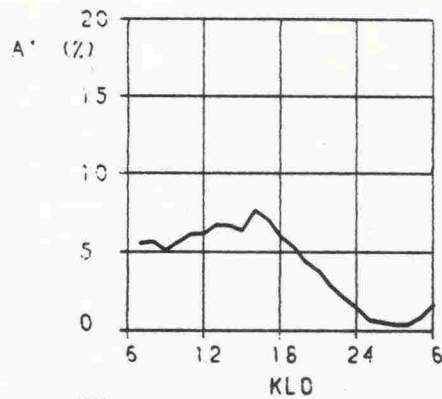
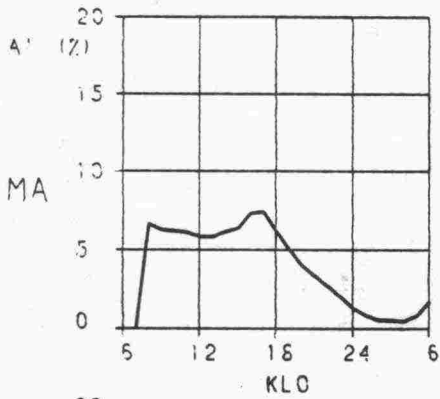
(•) MONTAKO ? KO. ENSIMMAISISTA TUNNEISTA OSUUS PE-SU:LLA.



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532KAUSALA

1986

VT12 TIEOSA 30 ETAISYYS 0.0KM

KVL 5128 B' (SU/KESA) 1.23

KAVL 4757

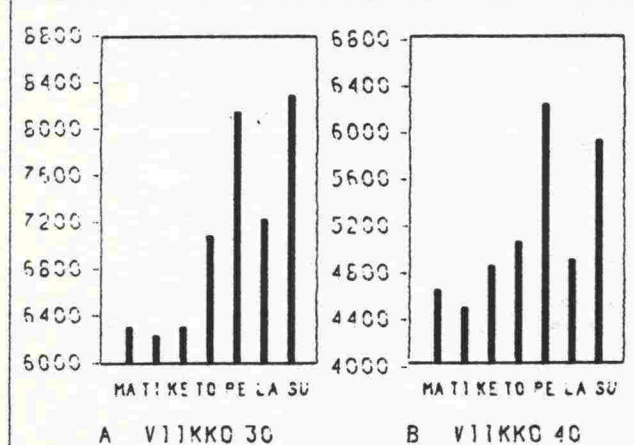
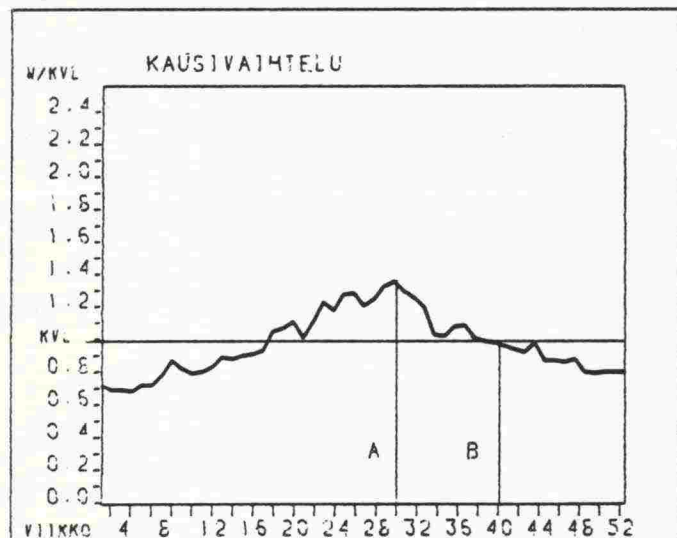
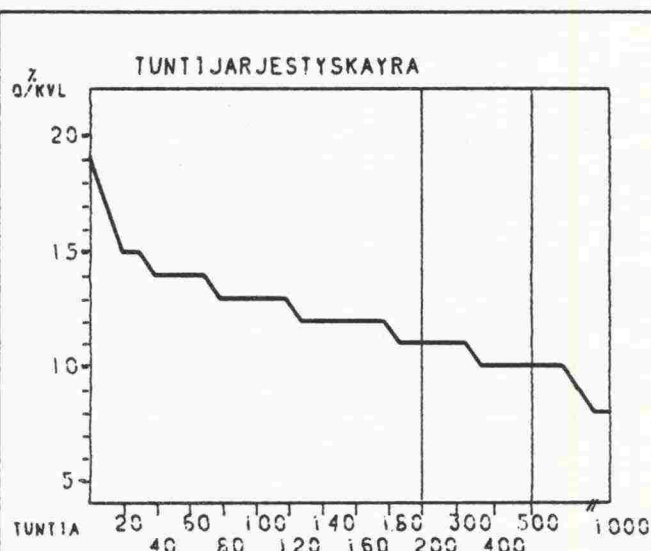
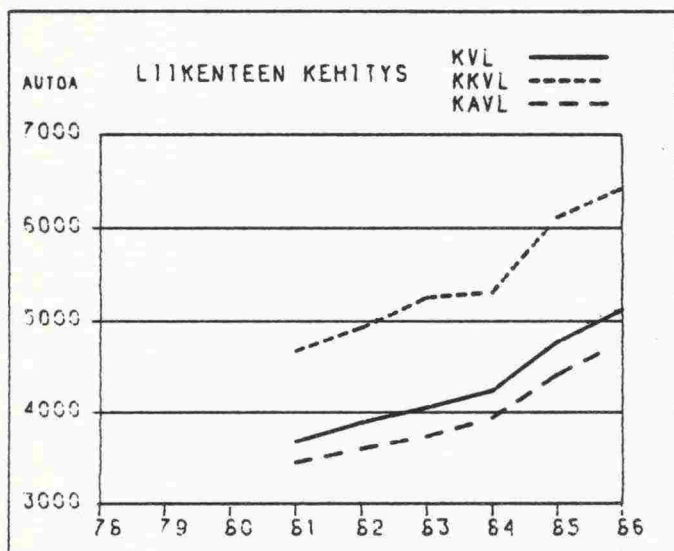
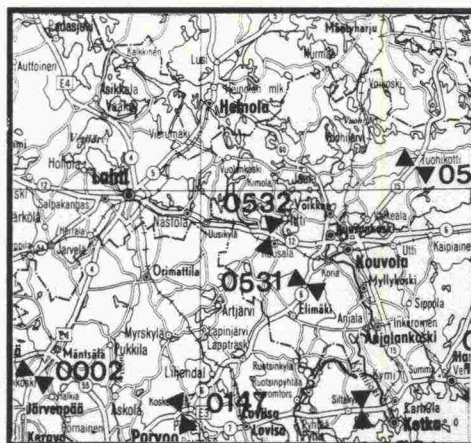
KKVL 6427 D' 1.25

ARKILIIKENTEEEN KOOSTUMUS

HA 73 % PA 7 %

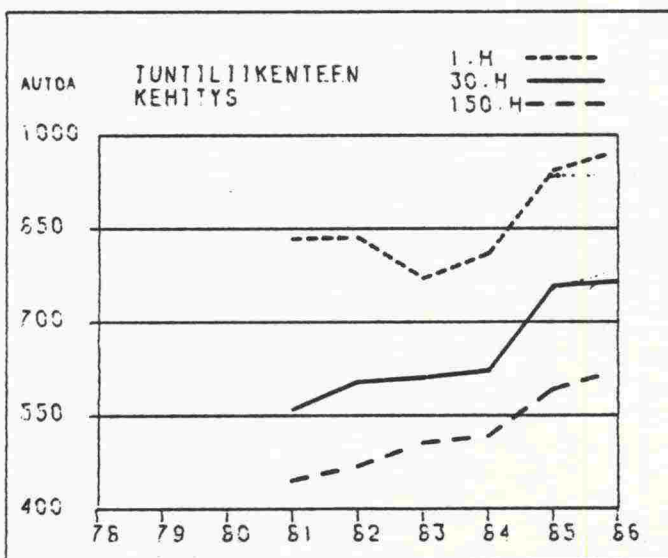
LA 2 % KAIP 7 %

KAPP 2 % KATP 9 %



H	Q	PE-SU (KERTYMA)	HTK
1	974	100	0.1
30	764	90	1.3
100	656	95	4.0
150	621	95	5.7
300	531	90	10.2
1000	399	71	27.0
5000	171	42	86.6

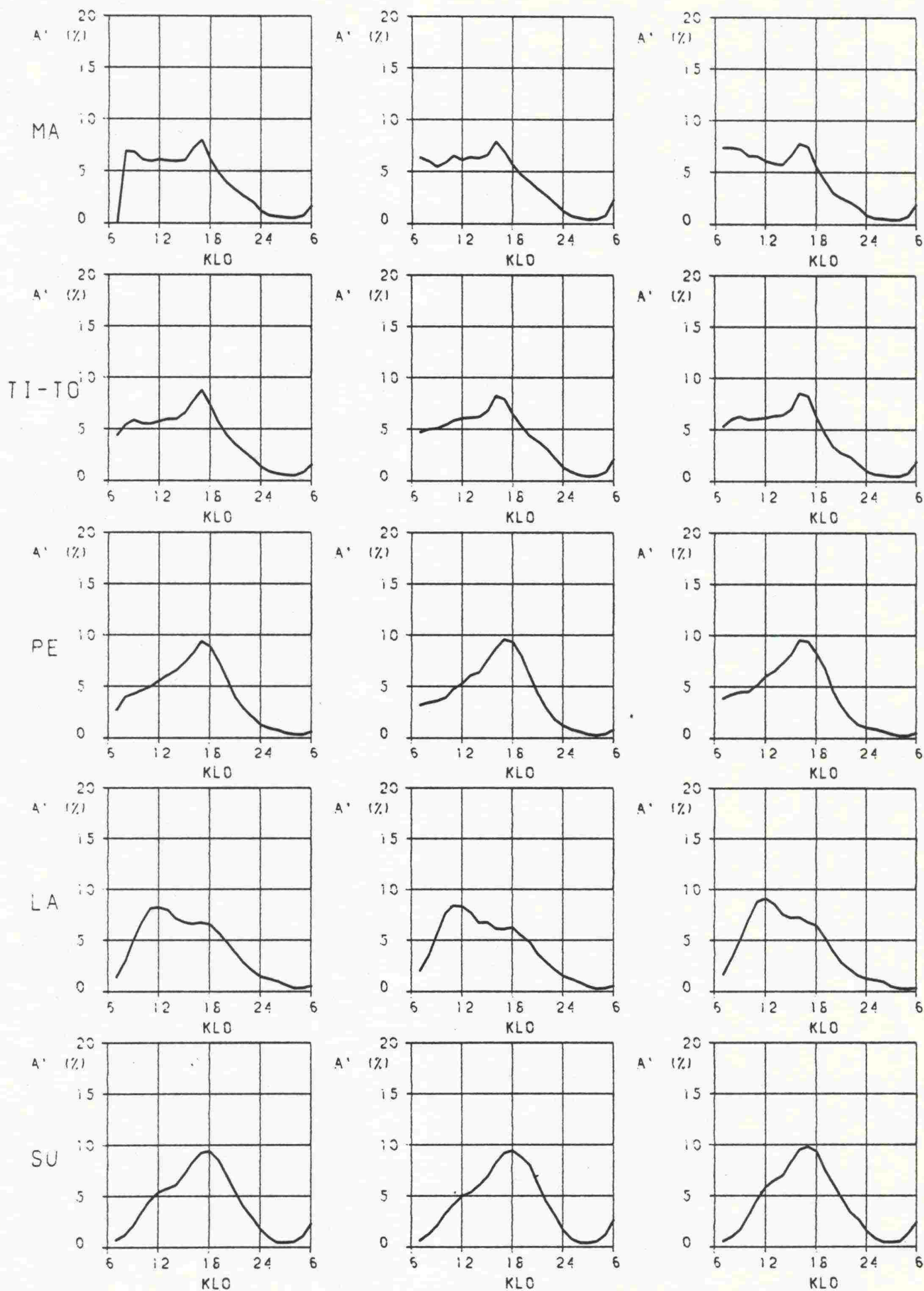
(*) MONTAKO % KO ENSIMMAISISTA TUNNEISTA OSUO PE-SU-ALLE



HELMIKUU

HEINAKUU

LOKAKUU



533VEHKAL AHTI

1986

VT7 TIEOSA 36 ETAISYYS 0.2 KM

KVL 2276 B' (SU/KESA) 1.12

KAVL 2144

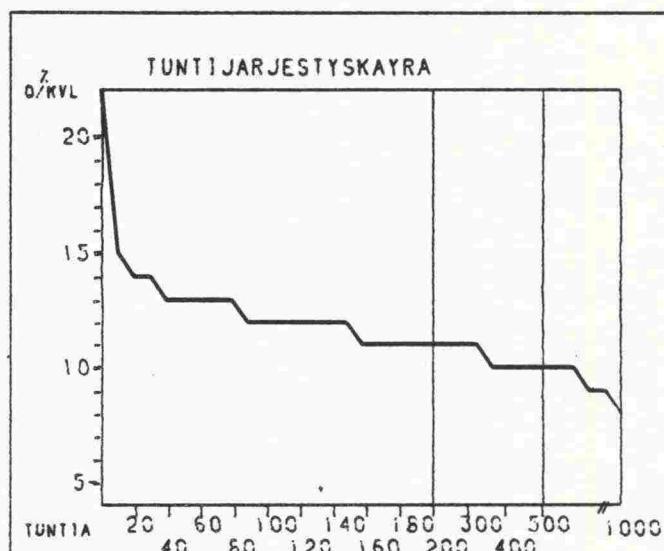
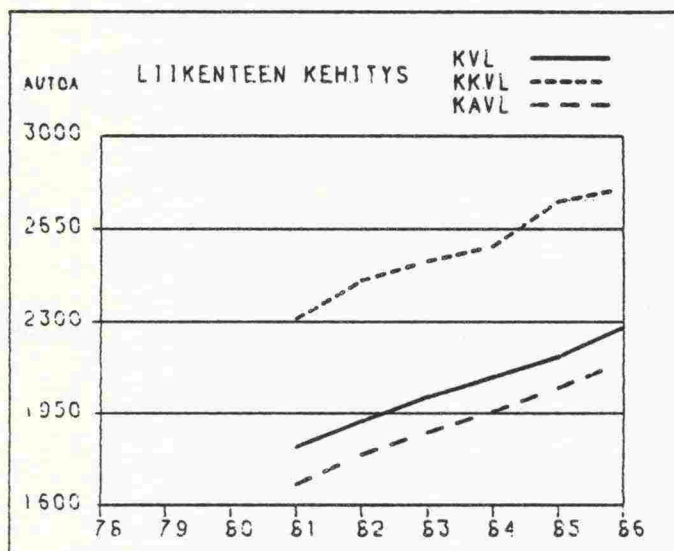
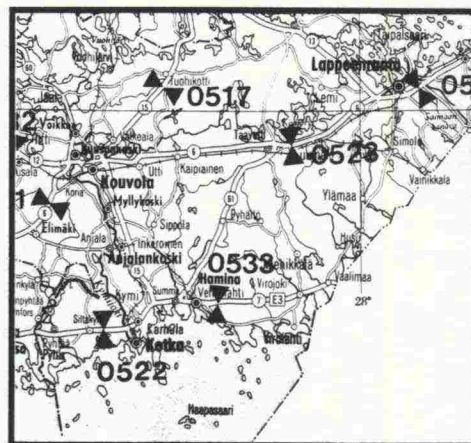
KKVL 2803 D' 1.23

ARKILIIKENTTEEN KOOSTUMUS

HA 76 % PA 7 %

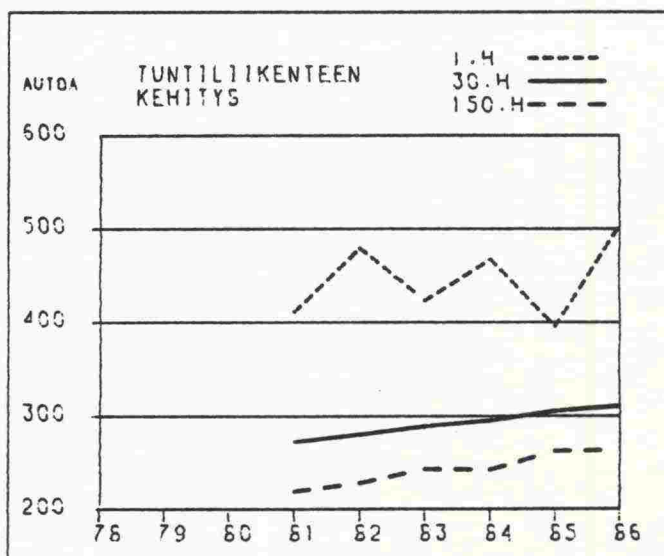
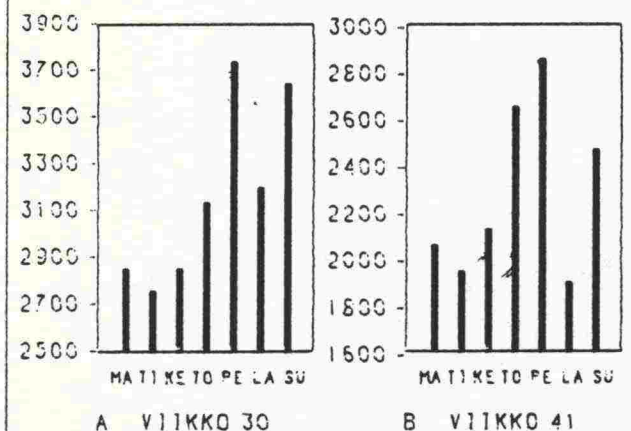
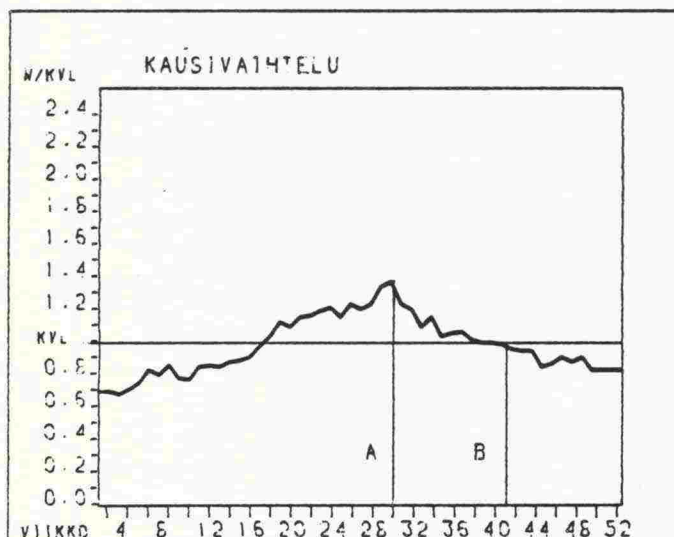
LA 2 % KAIP 8 %

KAPP 3 % KATP 4 %



H	Q	PE-SU (•)	KERTYMA	HTK
1	503	100	0.1	0.61
30	310	100	1.2	0.92
100	276	95	3.7	0.85
150	263	90	5.3	0.83
300	236	83	9.8	0.86
1000	184	63	27.2	0.92
5000	76	41	88.3	-

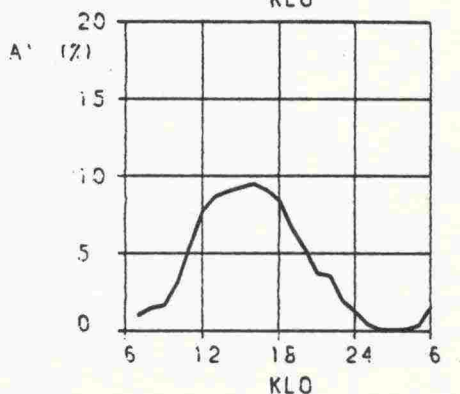
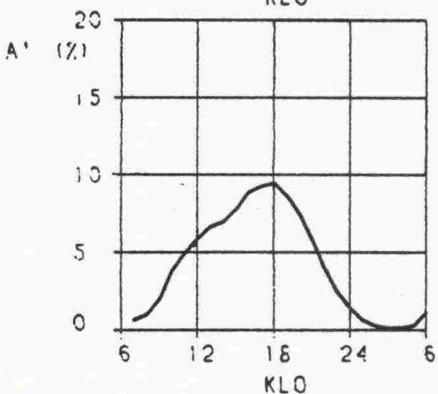
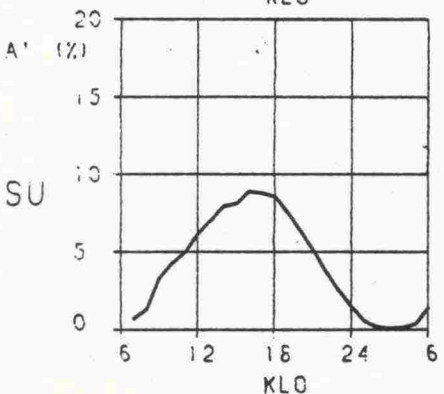
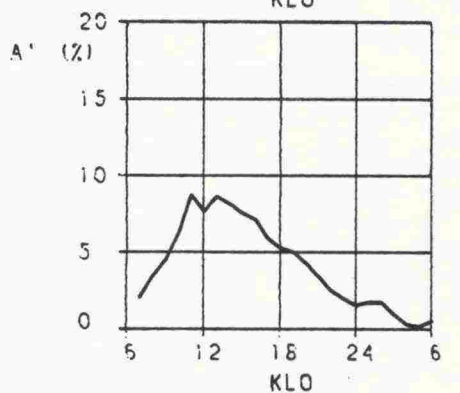
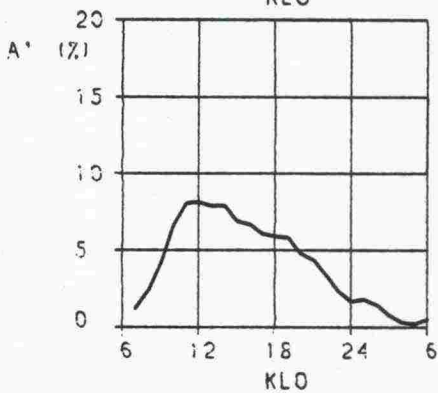
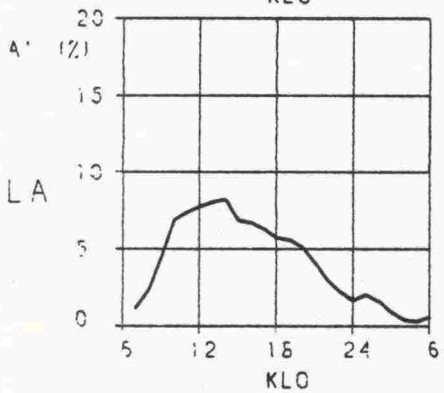
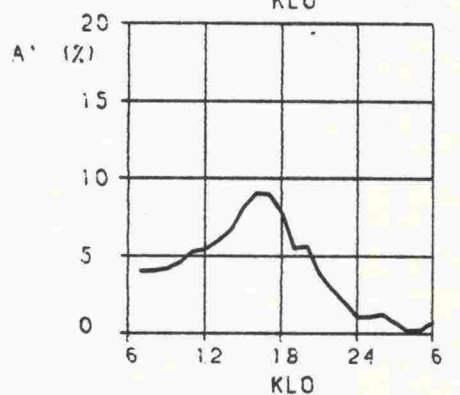
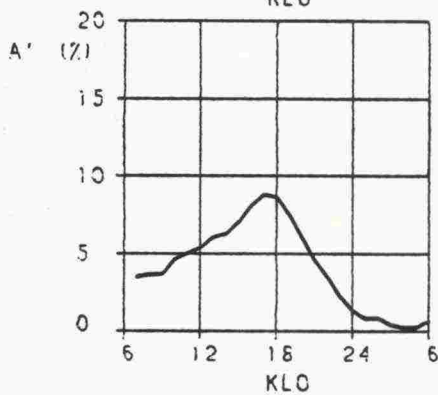
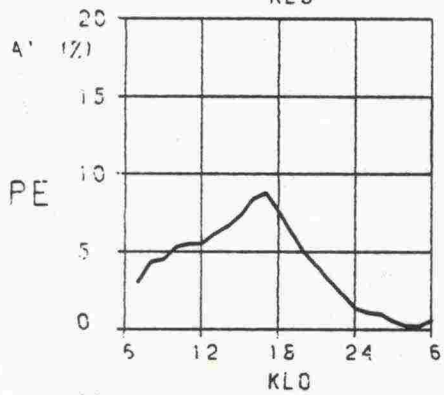
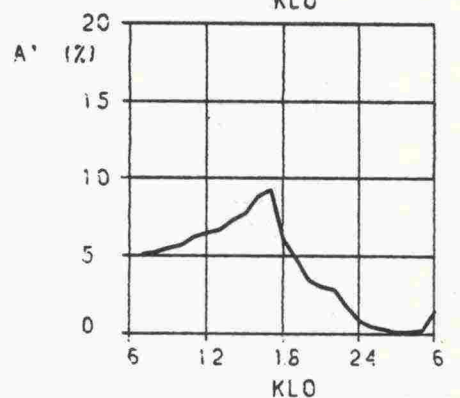
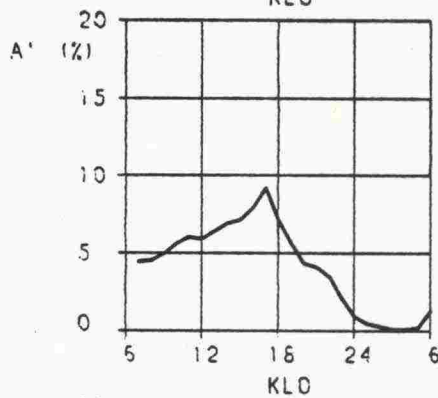
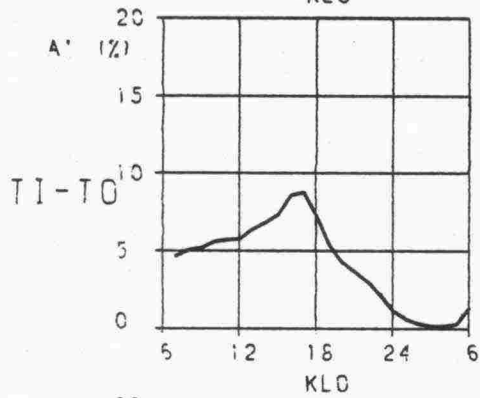
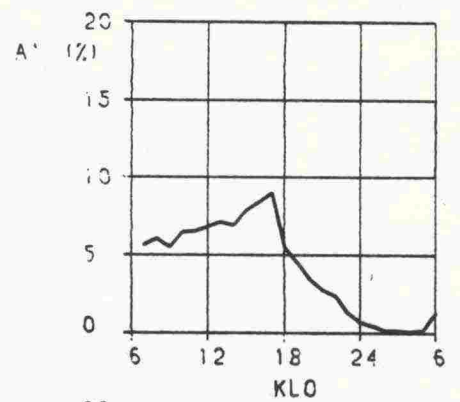
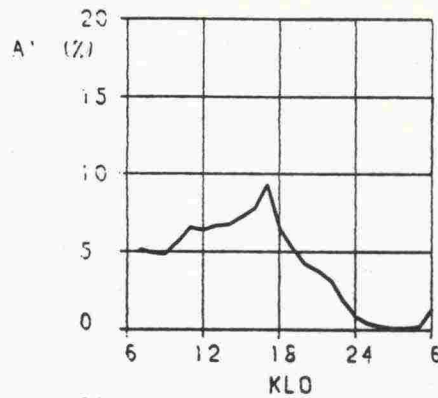
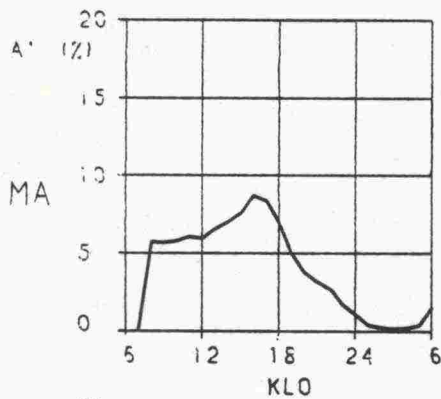
(•) MONTAKO X KO ENSIMMAISISTA TUNNEISTA OSUU PE-SU-LLE



HELMIKUU

HEINAKUU

LOKAKUU



620HARTOLA

KT59

1986

TIEOSA 9

ETAISYYS 2.6 KM

KVL 2580

B' (SU/KESA) 1.45

KAVL 2105

KKVL 3508

D' 1.35

ARKILIIKENTEEN KOOSTUMUS

HA 73 %

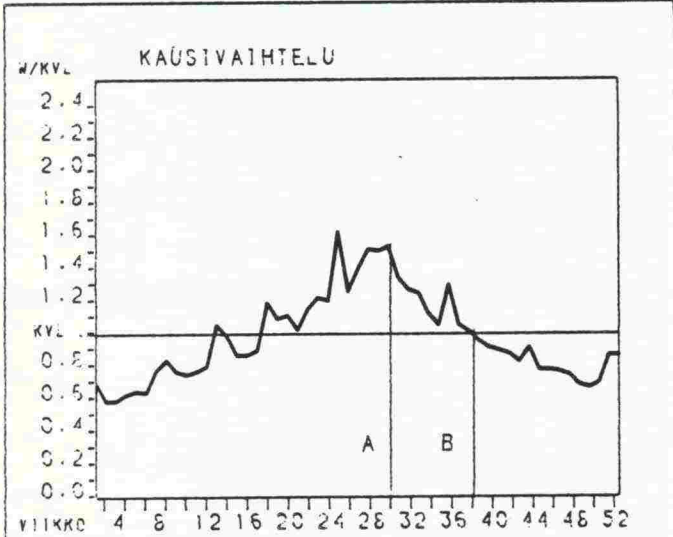
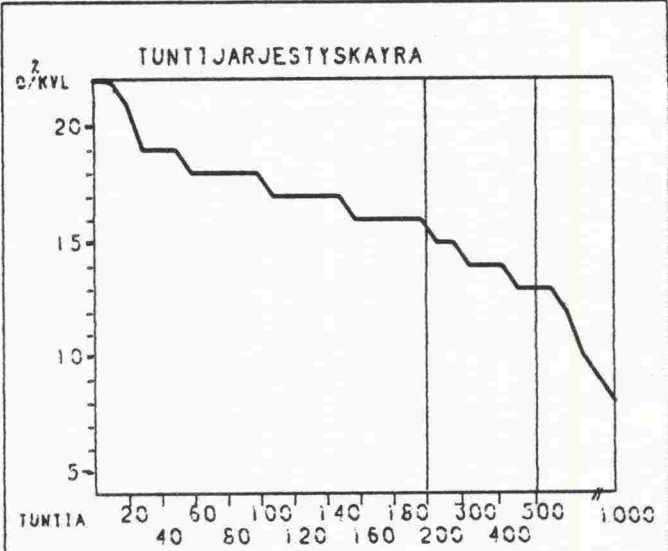
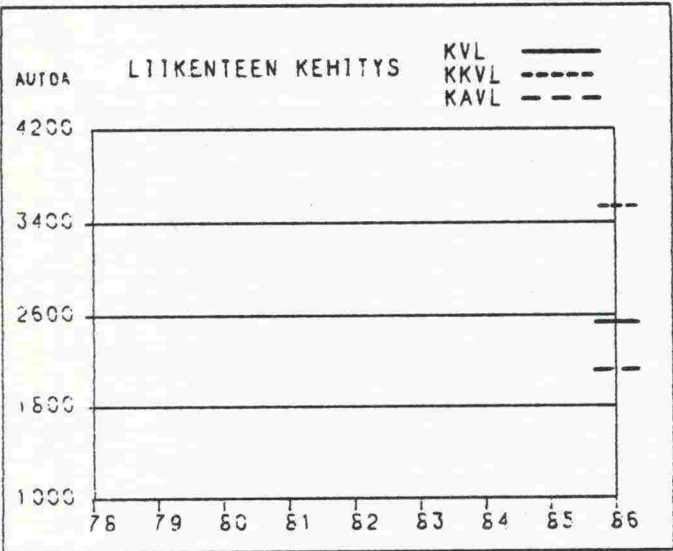
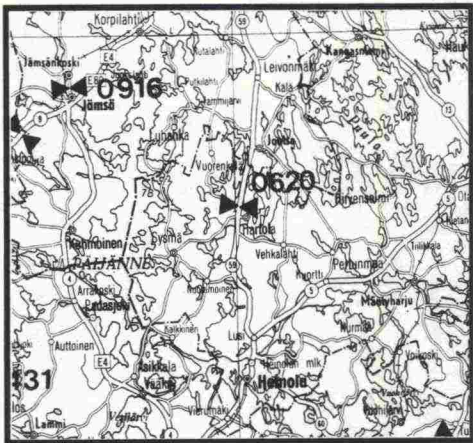
PA 6 %

LA 2 %

KAIP 5 %

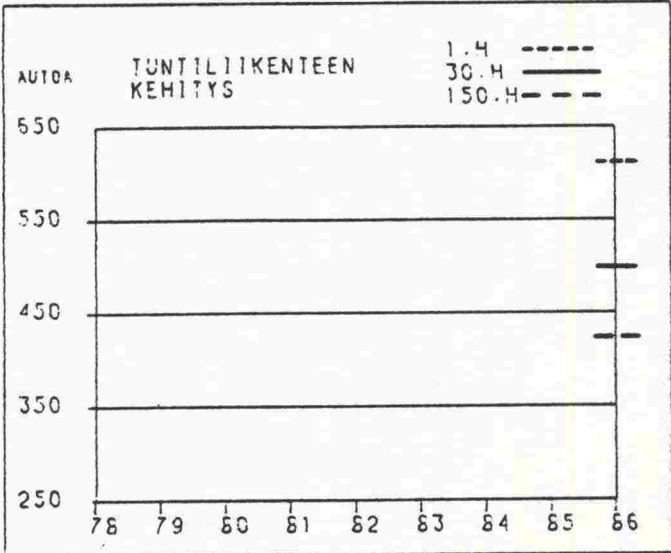
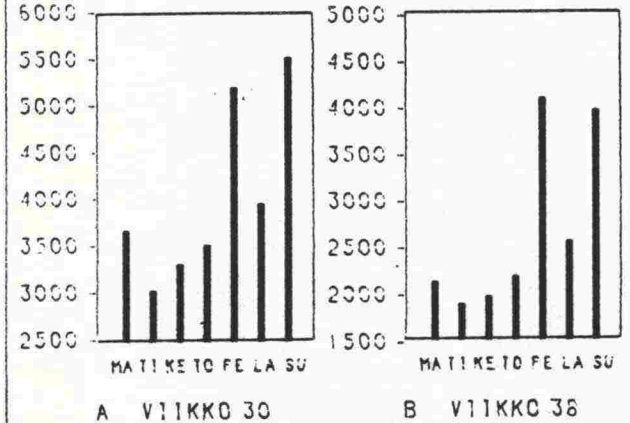
KAPP 2 %

KATP 12 %



H	Q	PE-SU (KERTYMA)	HTK
1	614	100	0.1
30	501	86	1.8
100	453	86	5.3
150	426	86	7.6
300	355	92	13.8
1000	210	64	33.3
5000	75	43	66.7

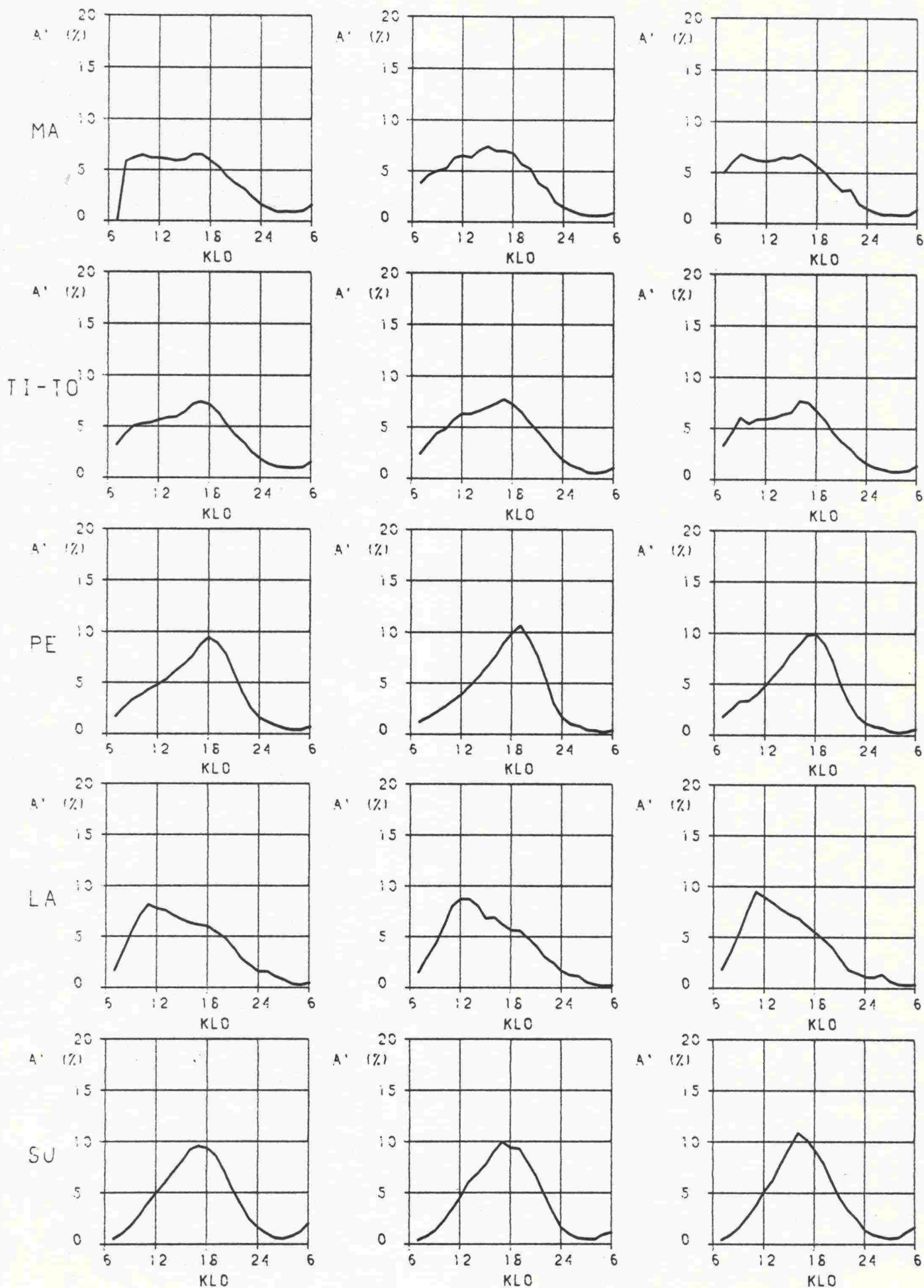
(*) MONTAKO 2 KO ENSIMMAISISTA TUNNEISTA OSUU PE-SU LLE



HELMIKUU

HEINÄKUU

LOKAKUU



636KANGASNIEMI

1986

VT13

TIEOSA 139 ETAISYYS 2.7 KM

KVL 1073

B' (SU/KESA) 1.37

KAVL 902

KKVL 1521

D' 1.41

ARKILIIKENTEEEN KOOSTUMUS

HA 76 %

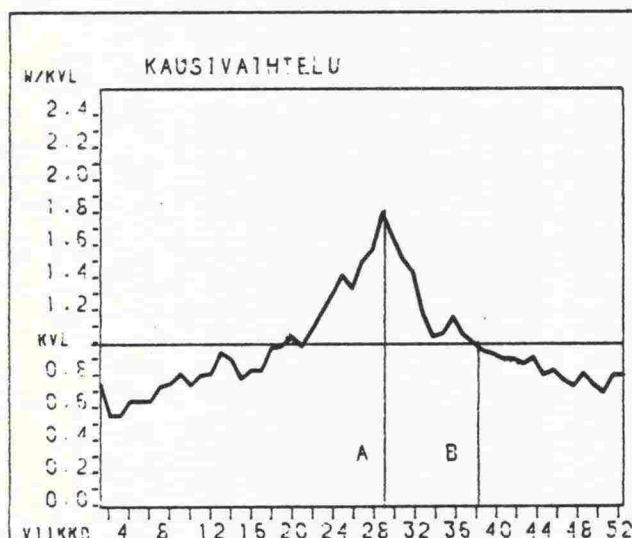
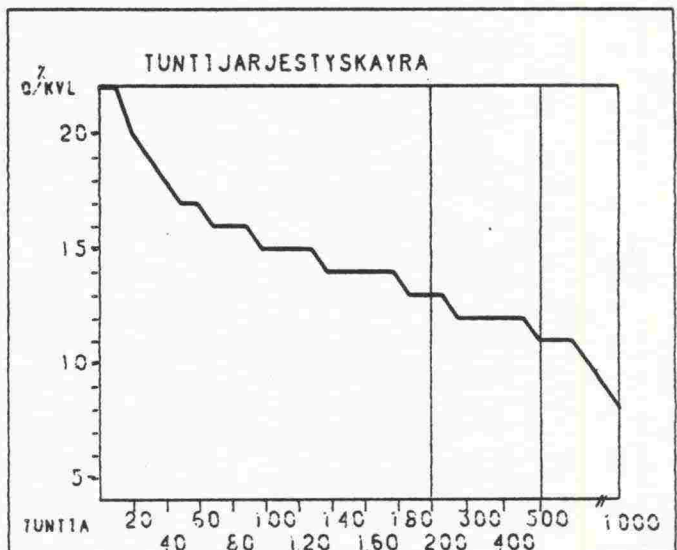
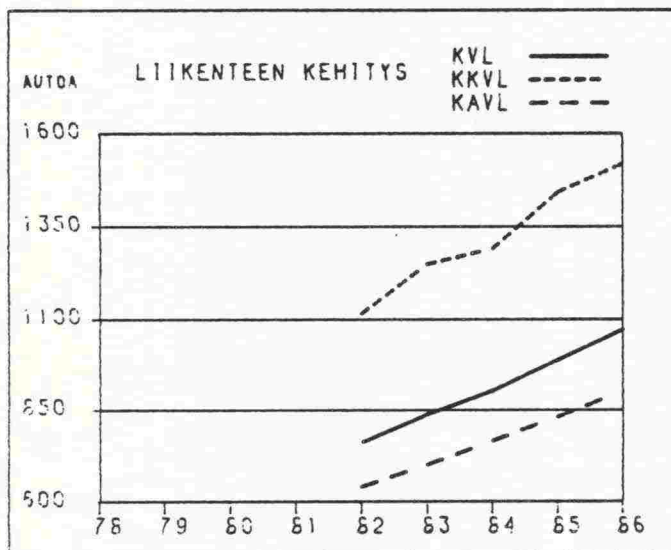
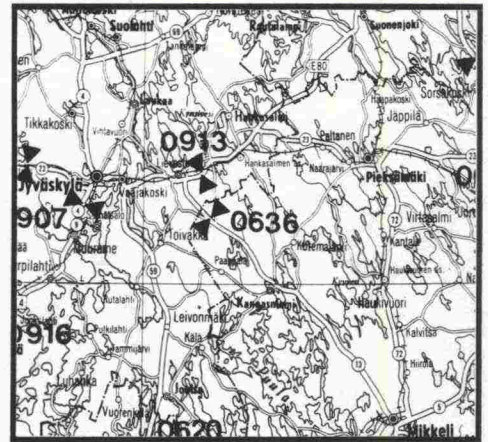
PA 7 %

LA 2 %

KAIP 5 %

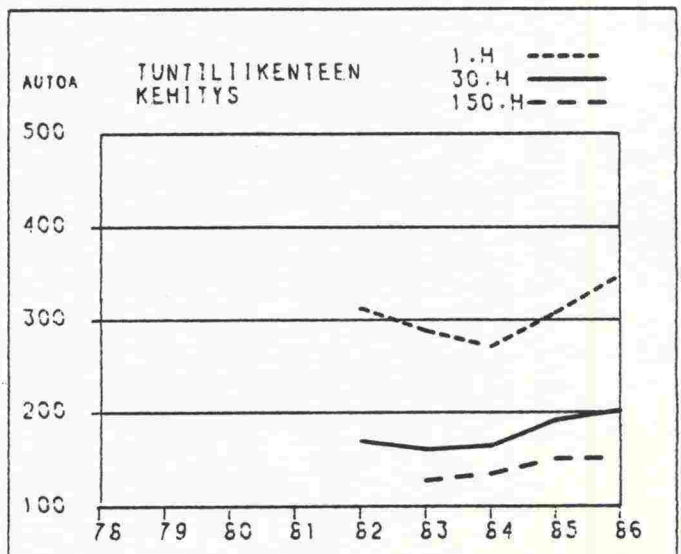
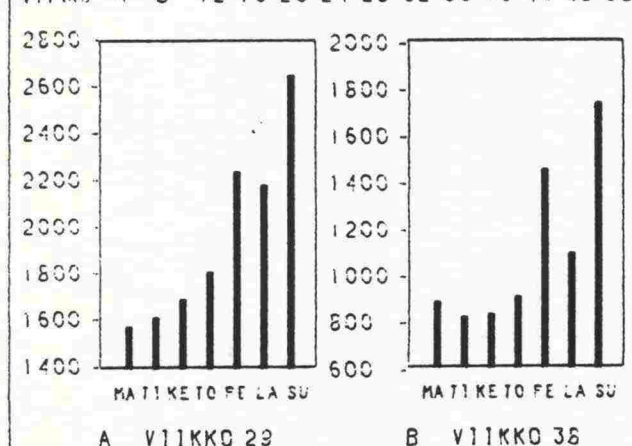
KAPP 1 %

KATP 9 %



H	Q	PE-SU (*)	KERTYMA	HTK
1	348	100	0.1	-
30	202	100	1.8	-
100	165	97	5.0	0.76
150	152	96	7.0	-
300	126	96	12.3	-
1000	68	79	30.6	-
5000	32	44	86.7	-

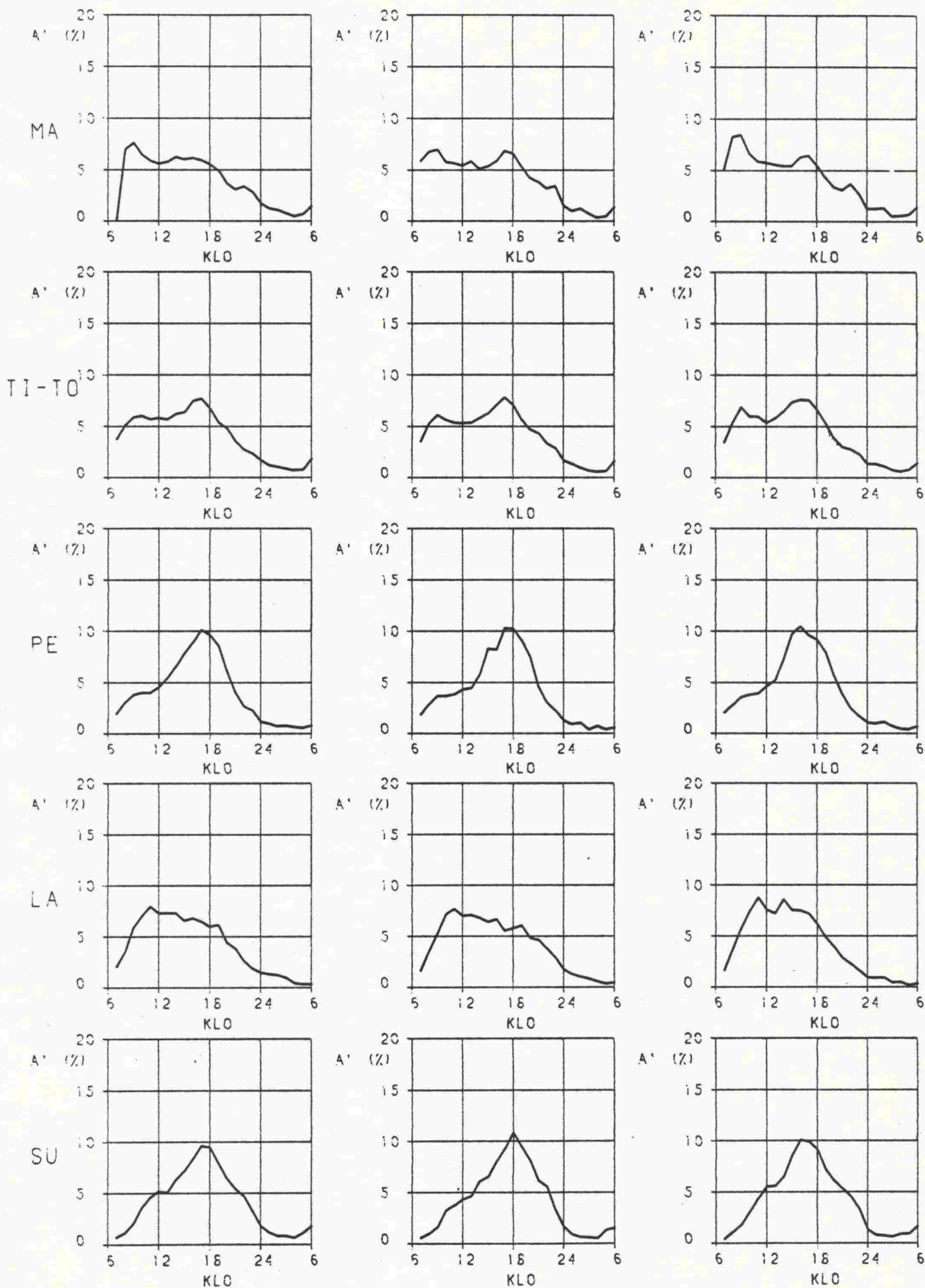
(*) MONTAKO % KO-ENSIMMAISISTA TUNNEISTA OSUU PE-SULLE



HELMIKUU

HEINAKUU

LOKAKUU



639PUNKAHARJU

1986

VT14

TIEOSA 21 ETAISYYS 3.6 KM

KVL 2840

B' (SU/KESA) 1.06

KAVL 2772

KKVL 4710

D' 1.65

ARKILIIKENTEN KOOSTUMUS

HA 82 %

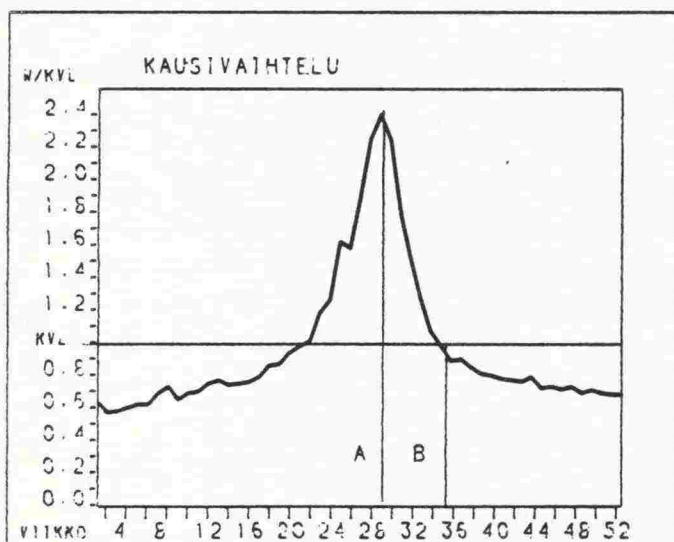
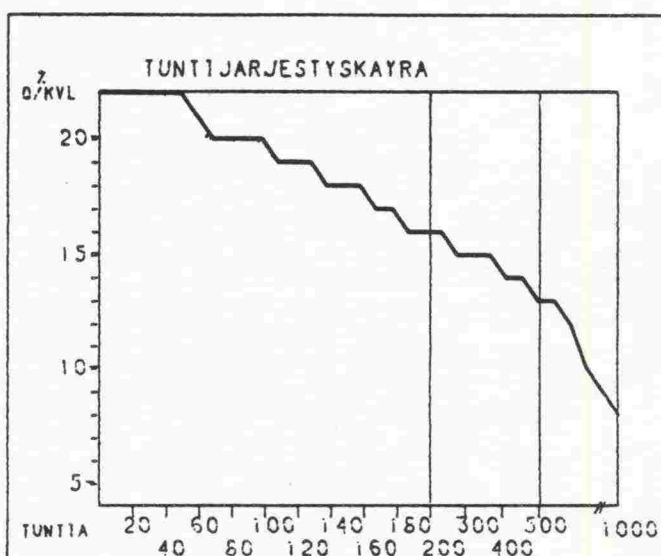
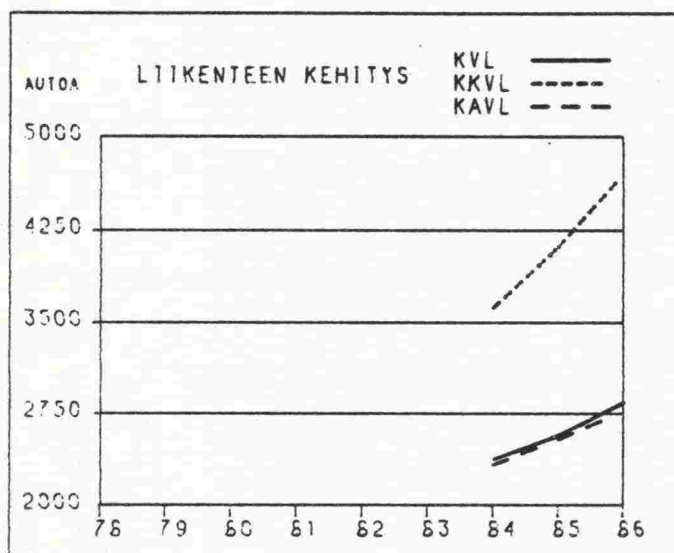
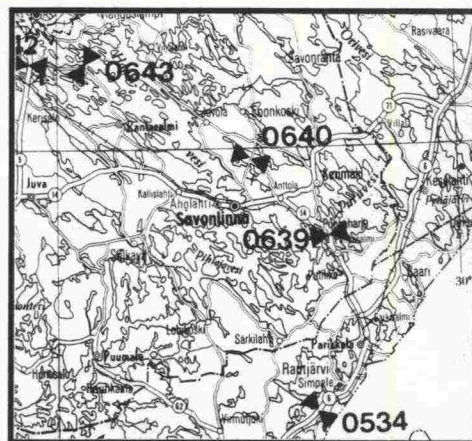
PA 7 %

LA 2 %

KAIP 6 %

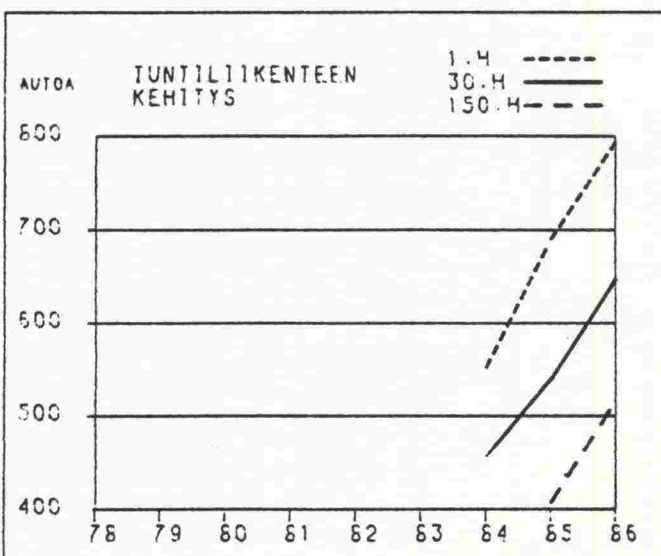
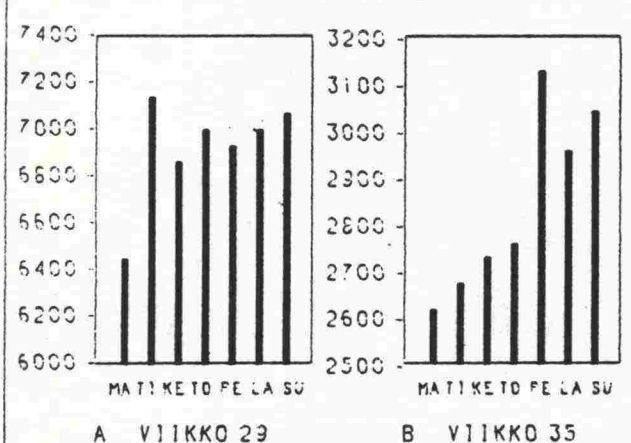
KAPP

KATP 3 %



H	Q	PE-SU (KERTYMA)	HTK
1	795	100	0.1
30	647	36	2.0
100	554	44	6.0
150	516	47	8.6
300	397	50	15.0
1000	222	52	34.2
5000	85	41	89.5

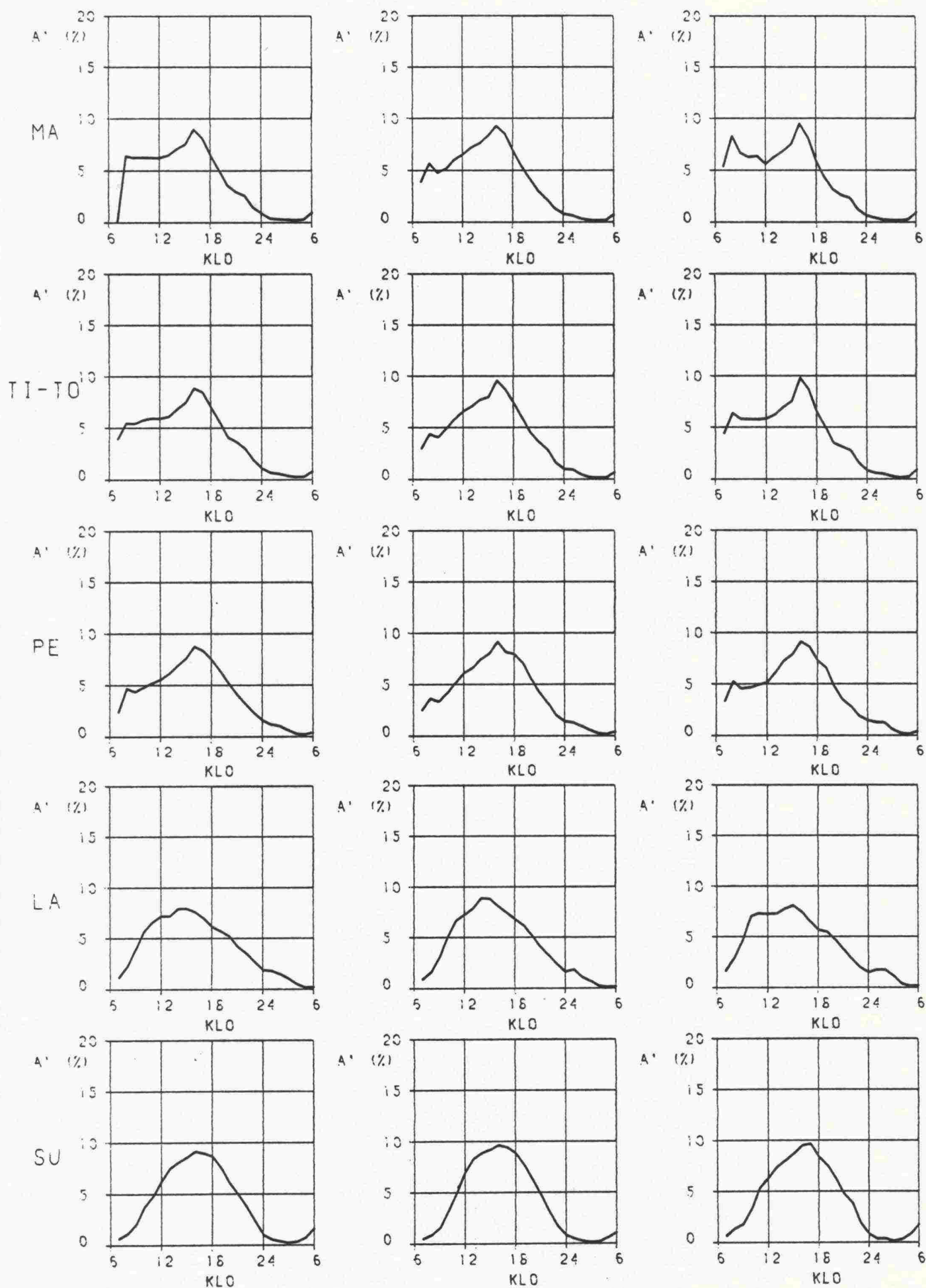
(*) MONTAKO 2 KO ENSIMMAISISTA TUNNEISTA OSUU PE-SU:LE



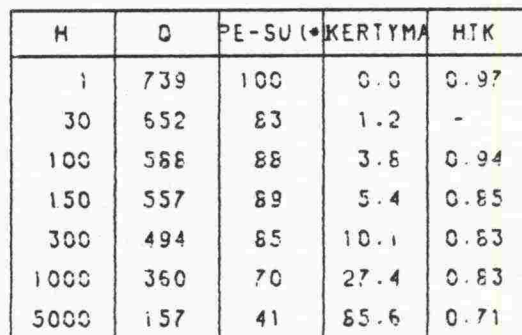
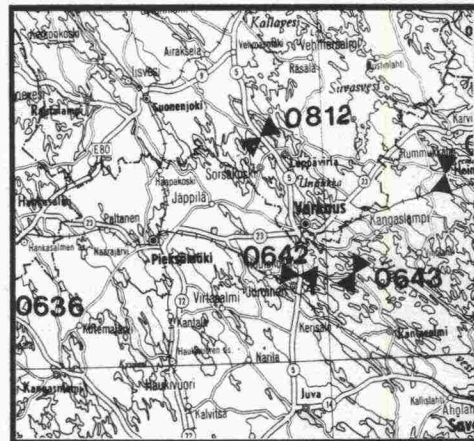
HELMIKUU

HEINAKUU

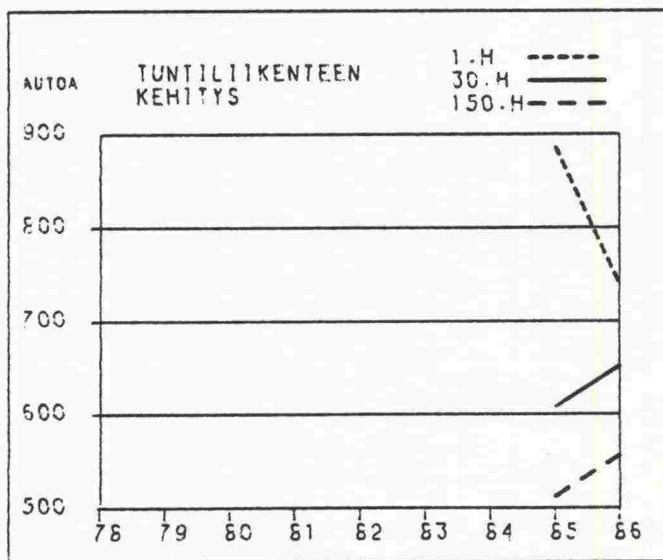
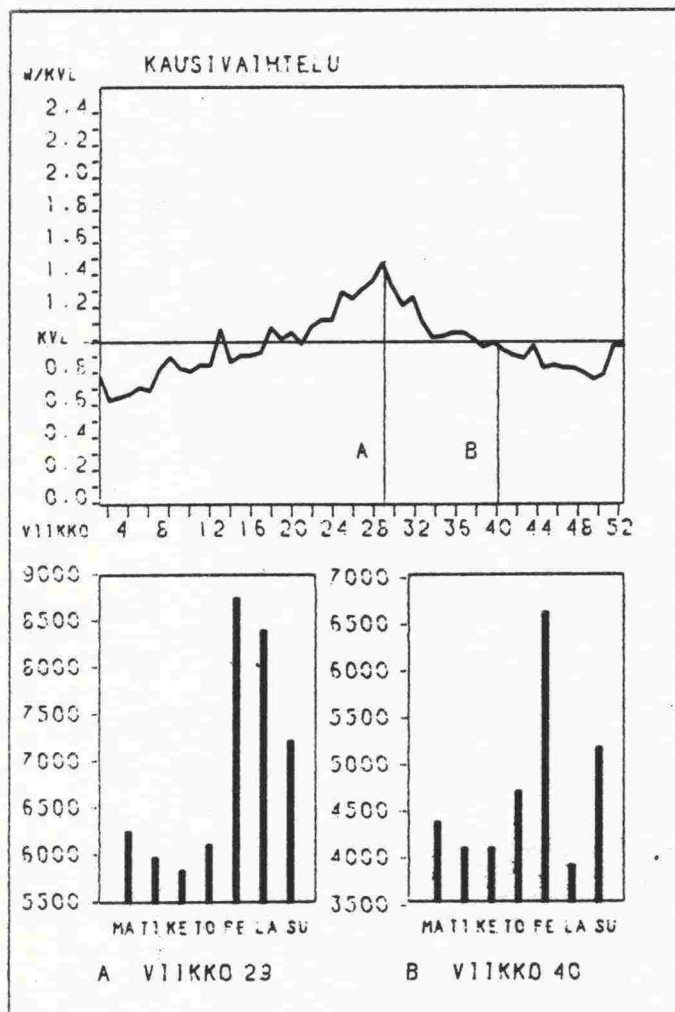
LOKAKUU



KAPP 1 % KATP 7 %



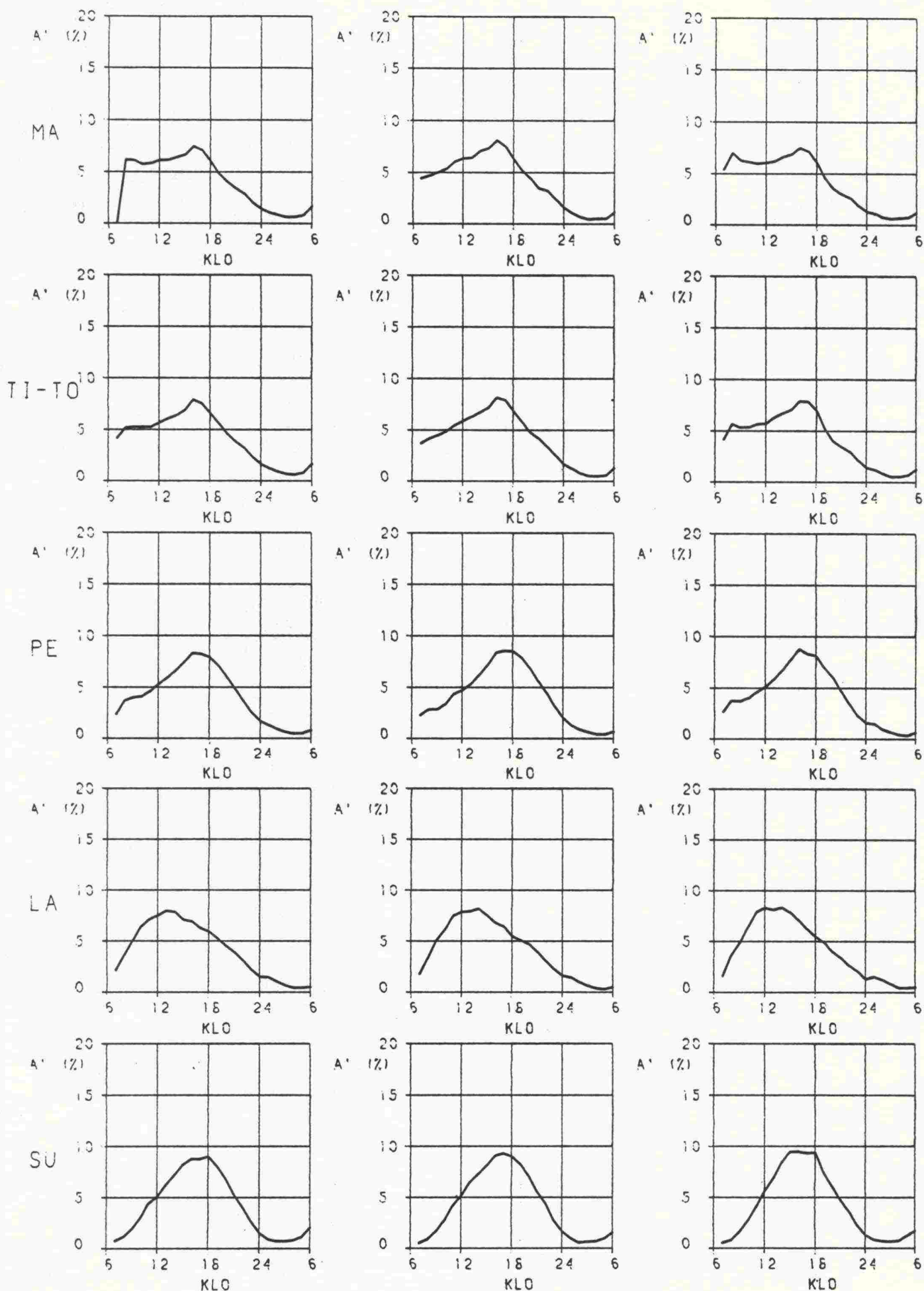
(*) MONTAKO 2 KO ENSIMMAISISTA TUNNEISTA OSUO PE-SULLE



HELMIKUU

HEINAKUU

LOKAKUU



643RANTASALMI

1986

MT464 TIEOSA 4 ETAISYYS 1.7 KM

KVL 778 B' (SU/KESA) 1.23

KAVL 702

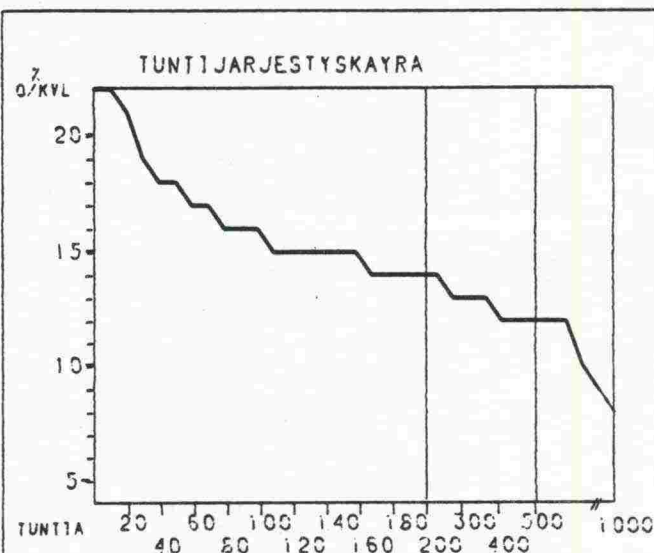
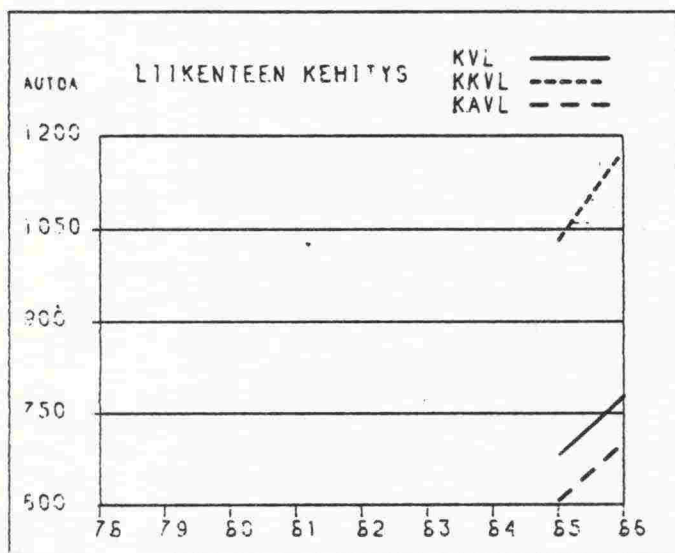
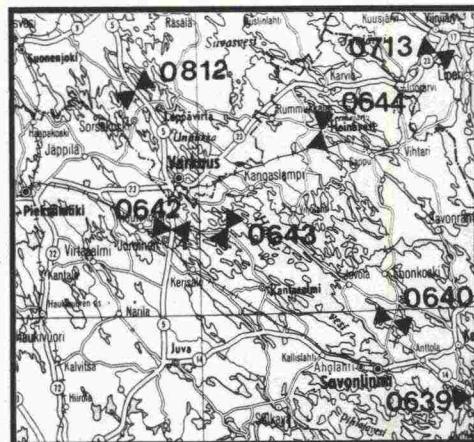
KKVL 1177 D' 1.51

ARKILIIKENTTEEN KOOSTUMUS

HA 83 % PA 6 %

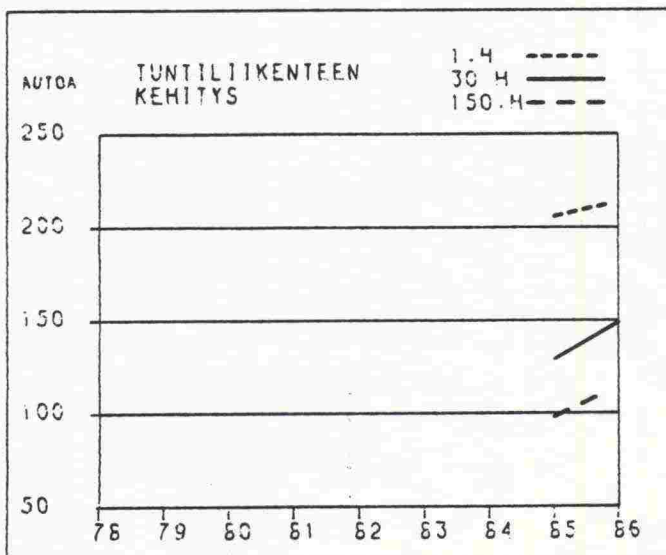
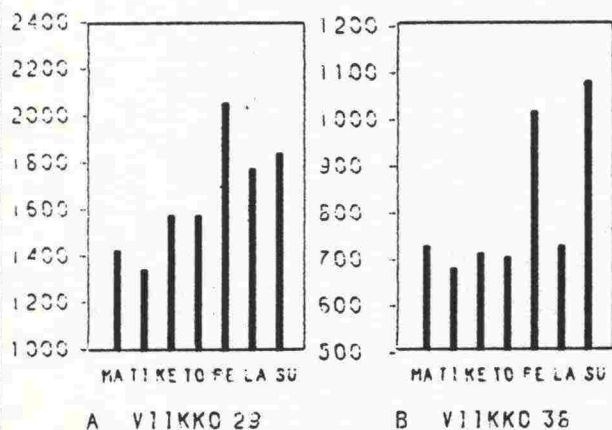
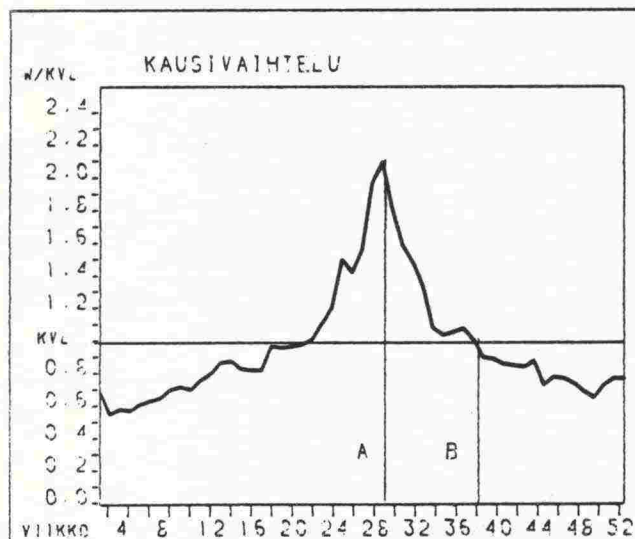
LA 2 % KAIP 4 %

KAPP 1 % KATP 4 %



H	D	PE-SU (*KERTYMA)	HTK
1	214	100	0.1
30	149	100	1.8
100	122	85	5.1
150	114	78	7.2
300	97	67	12.7
1000	66	64	32.3
5000	23	43	68.9

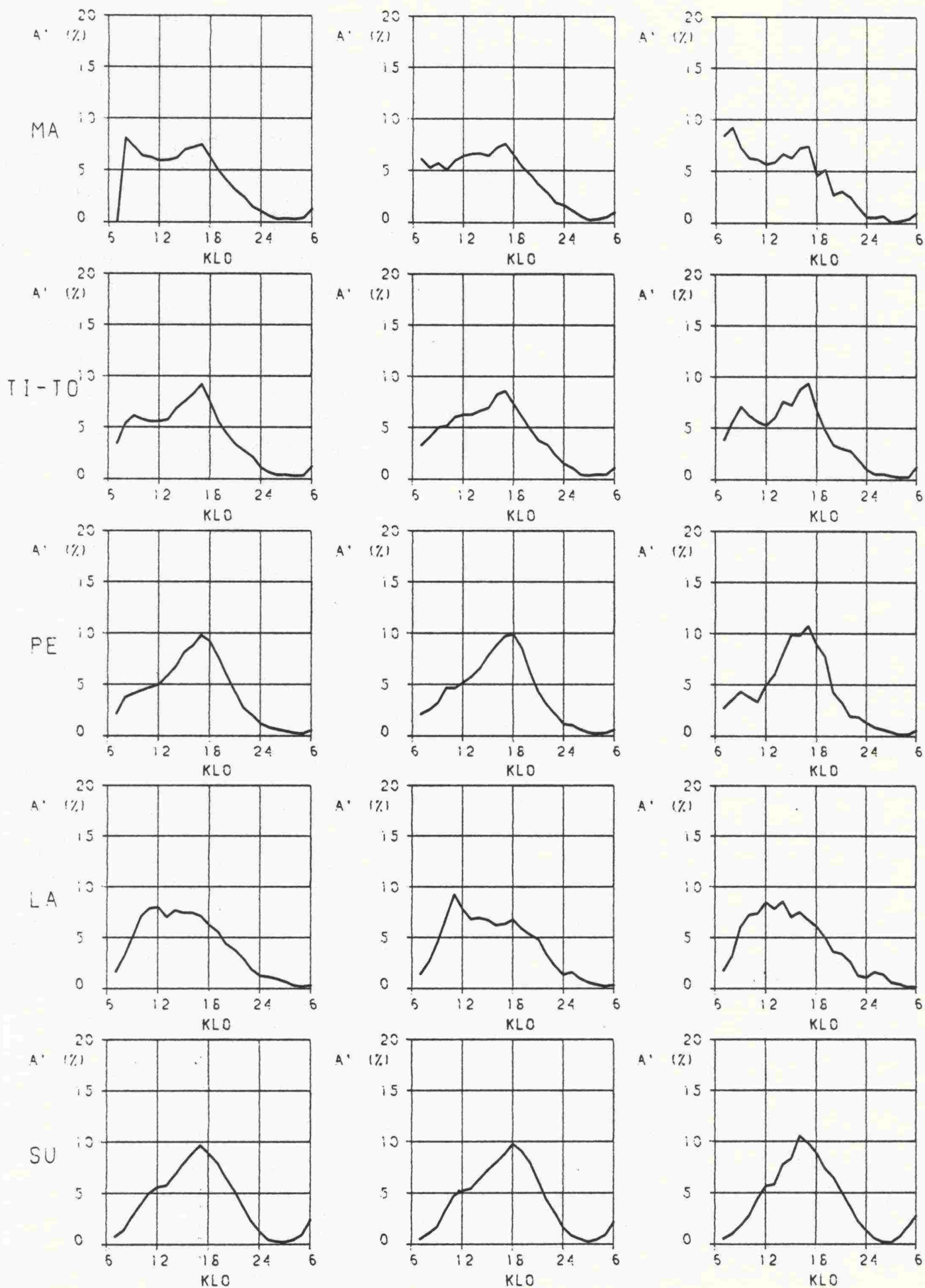
(*) MONTAKO ? KO ENSIMMAISISTA TUNNEISTA OSUUS PE-SU:ALLE



HELMIKUU

HEINAKUU

LOKAKUU



644HEIN[VESI

MT476 TIEOSA 8 ETAISYYS 0.8KM

KVL 712 B' (SU/KESA) 1.03

KAVL 690

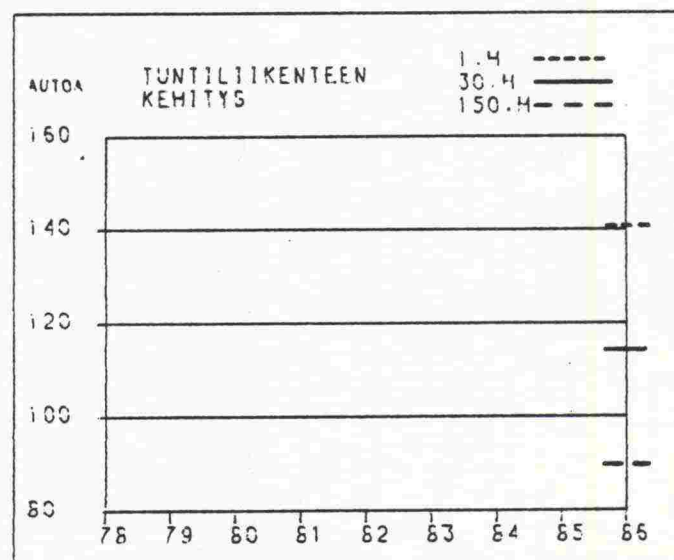
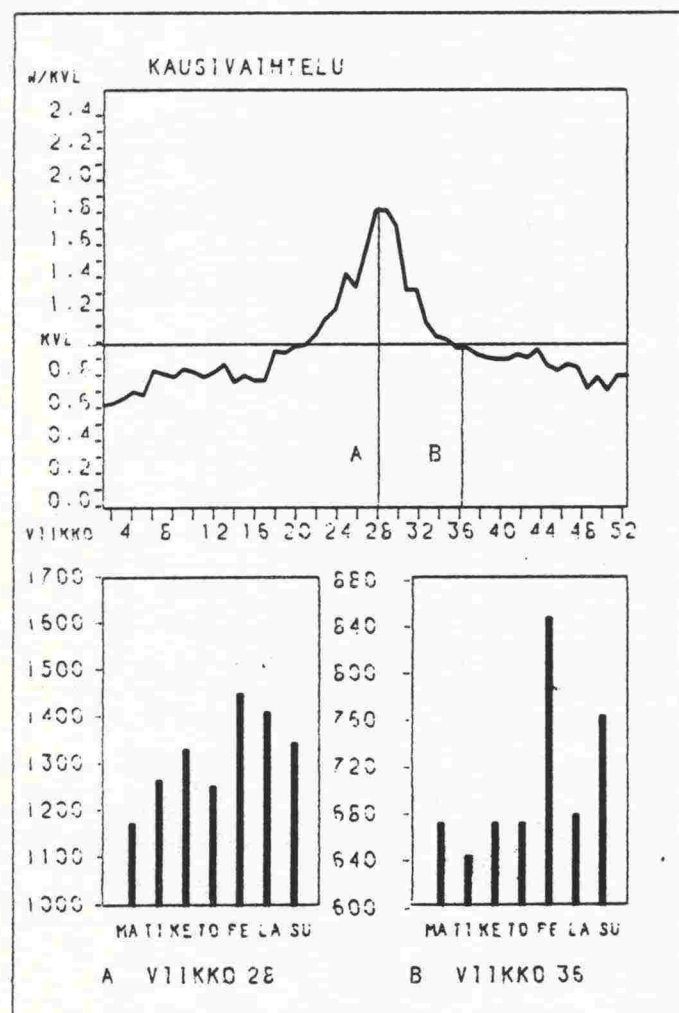
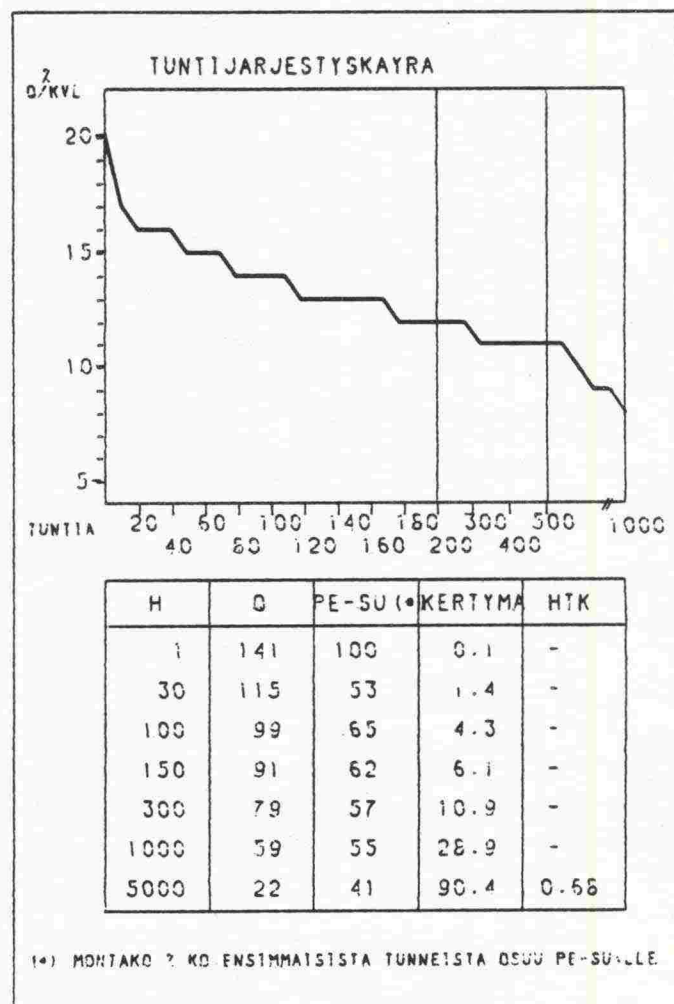
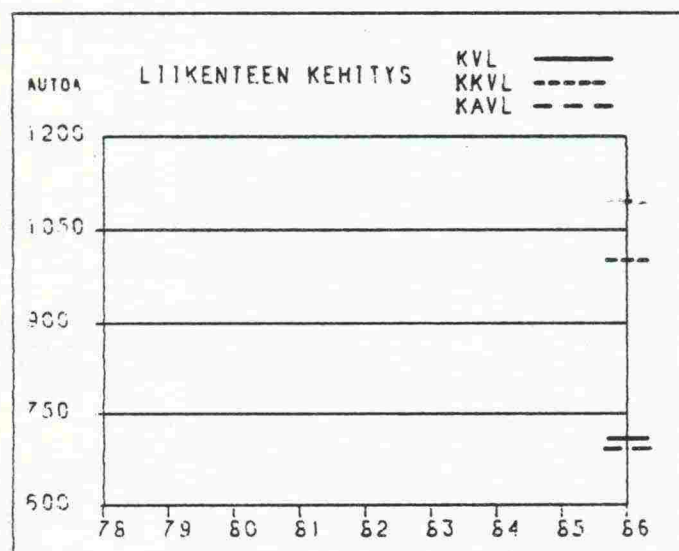
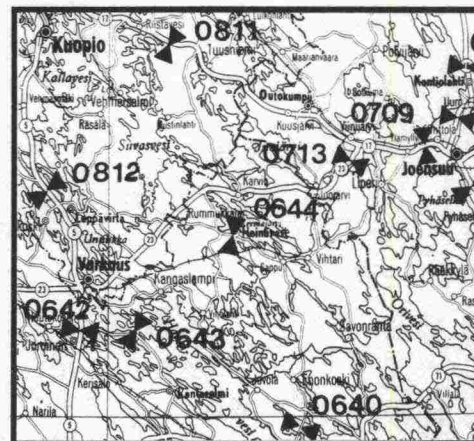
KKVL 1003 D' 1.40

ARKILIIKENTEEN KOOSTUMUS

HA 83% PA 9%

LA 3% KAIP 4%

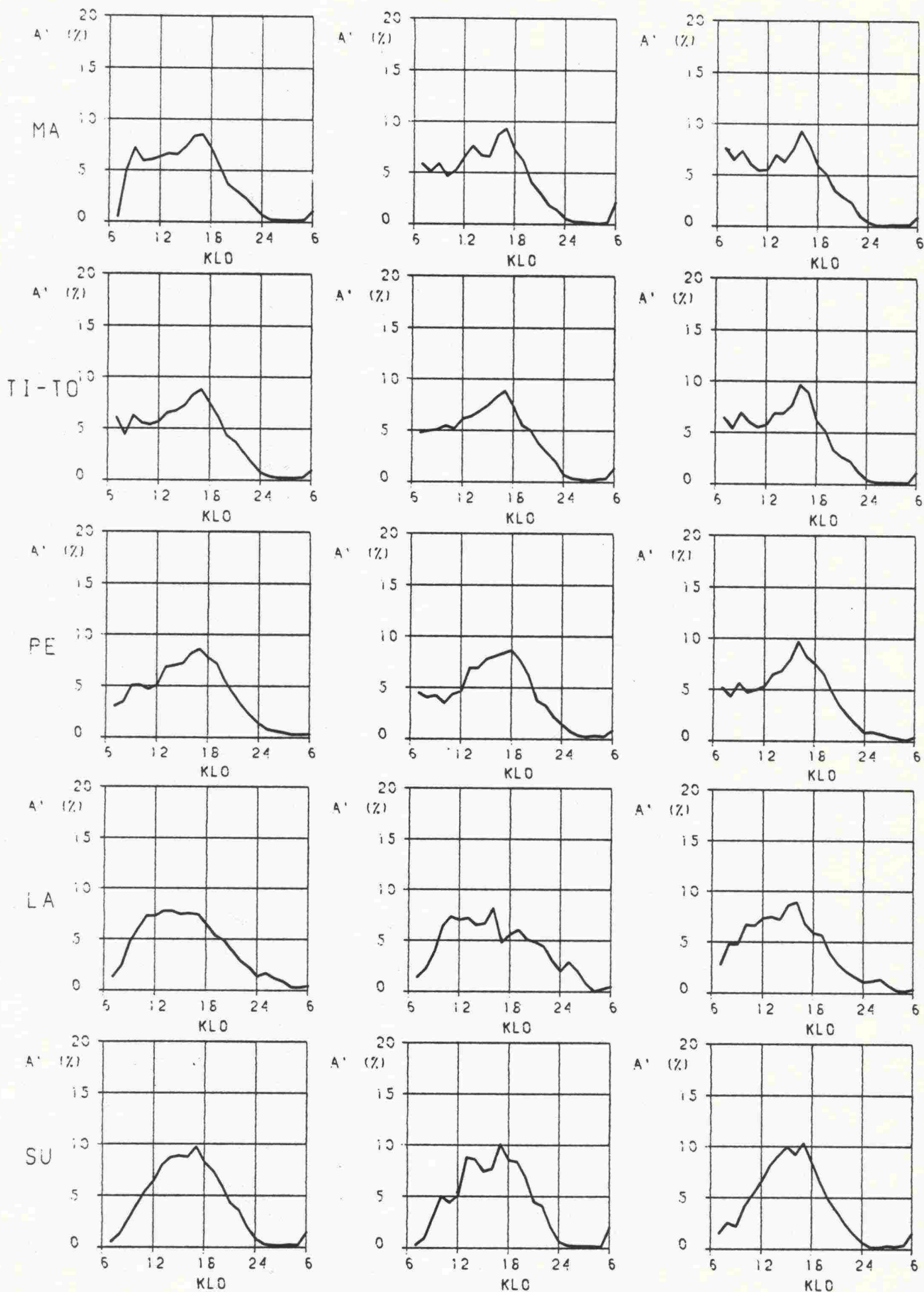
KAPP KATP 1%



HELMIKUU

HEINAKUU

LOKAKUU



707PYHÄSELKÄ

VT6

TIEOSA 348 ETAISYYS 2.0KM

1986

KVL 5773

B' (SU/KESA) 1.00

KAVL 5725

KKVL 6968

D' 1.20

ARKILIIKENTTEEN KOOSTUMUS

HA 83%

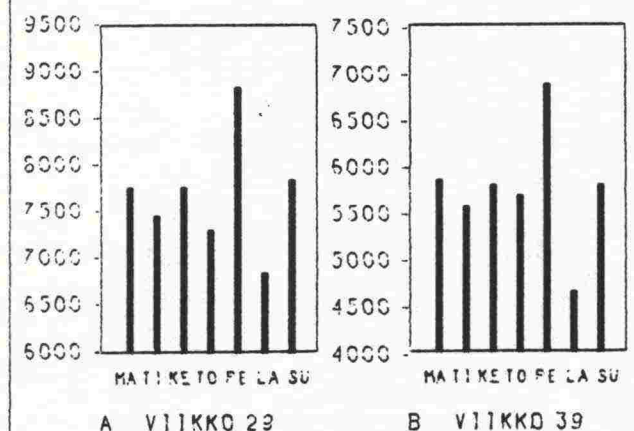
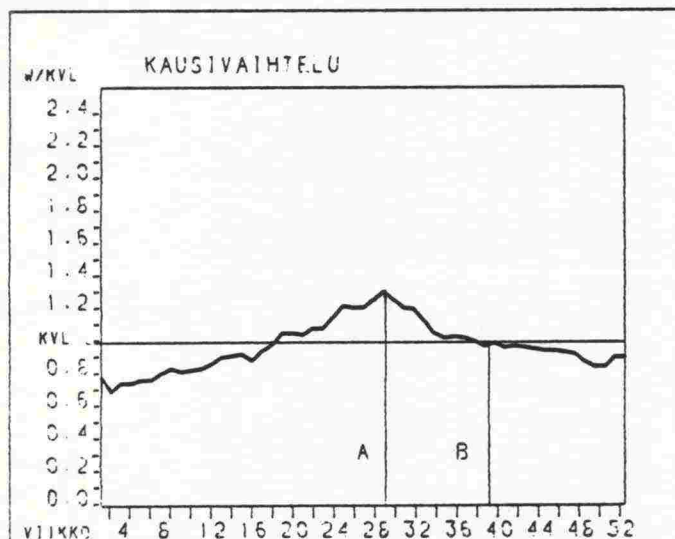
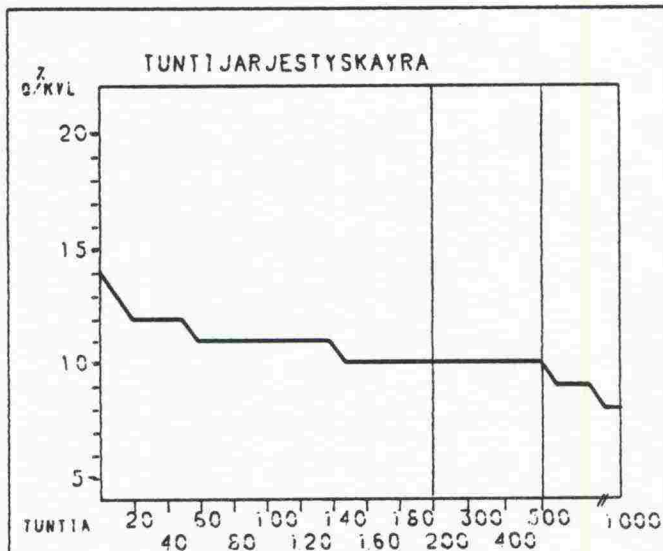
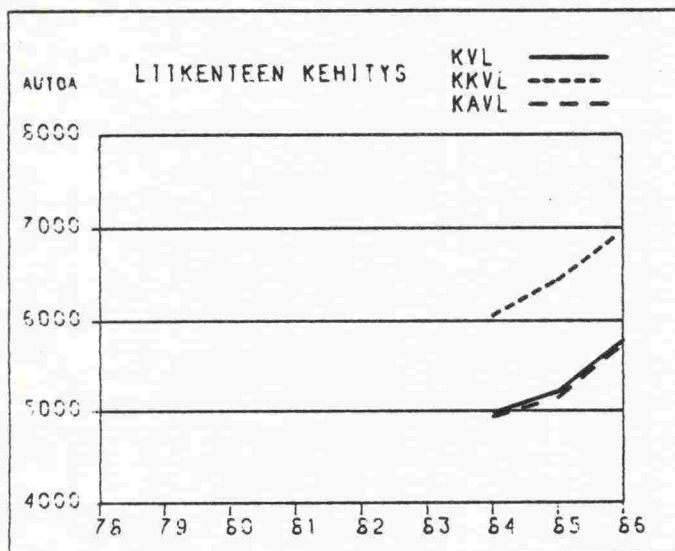
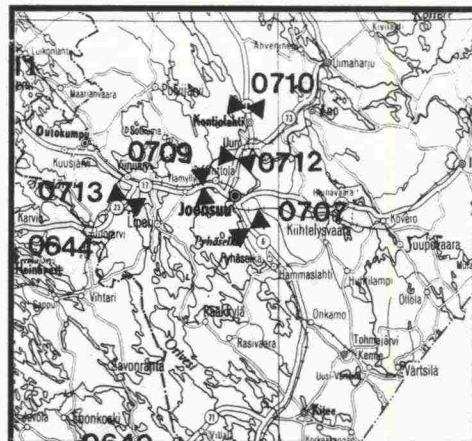
PA 7%

LA 2%

KAIP 4%

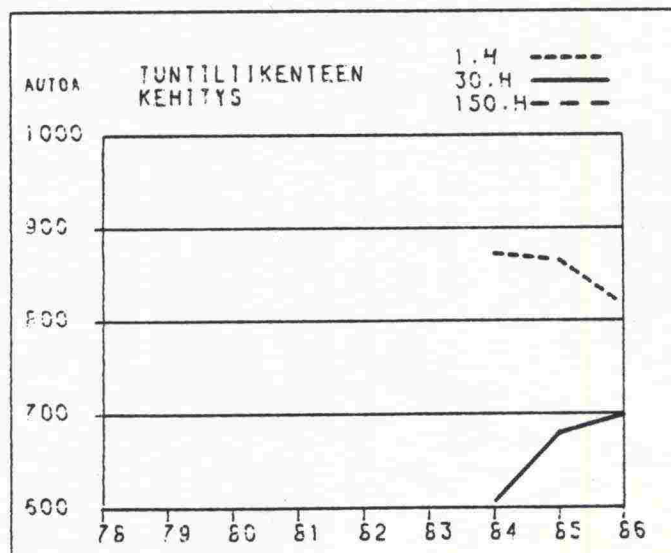
KAPP

KATP 4%



H	D	PE-SU (KERTYMA)	HTK
1	816	100	0.0
30	699	93	1.0
100	626	75	3.2
150	605	67	4.7
300	561	56	6.8
1000	453	49	25.4
5000	204	40	87.6

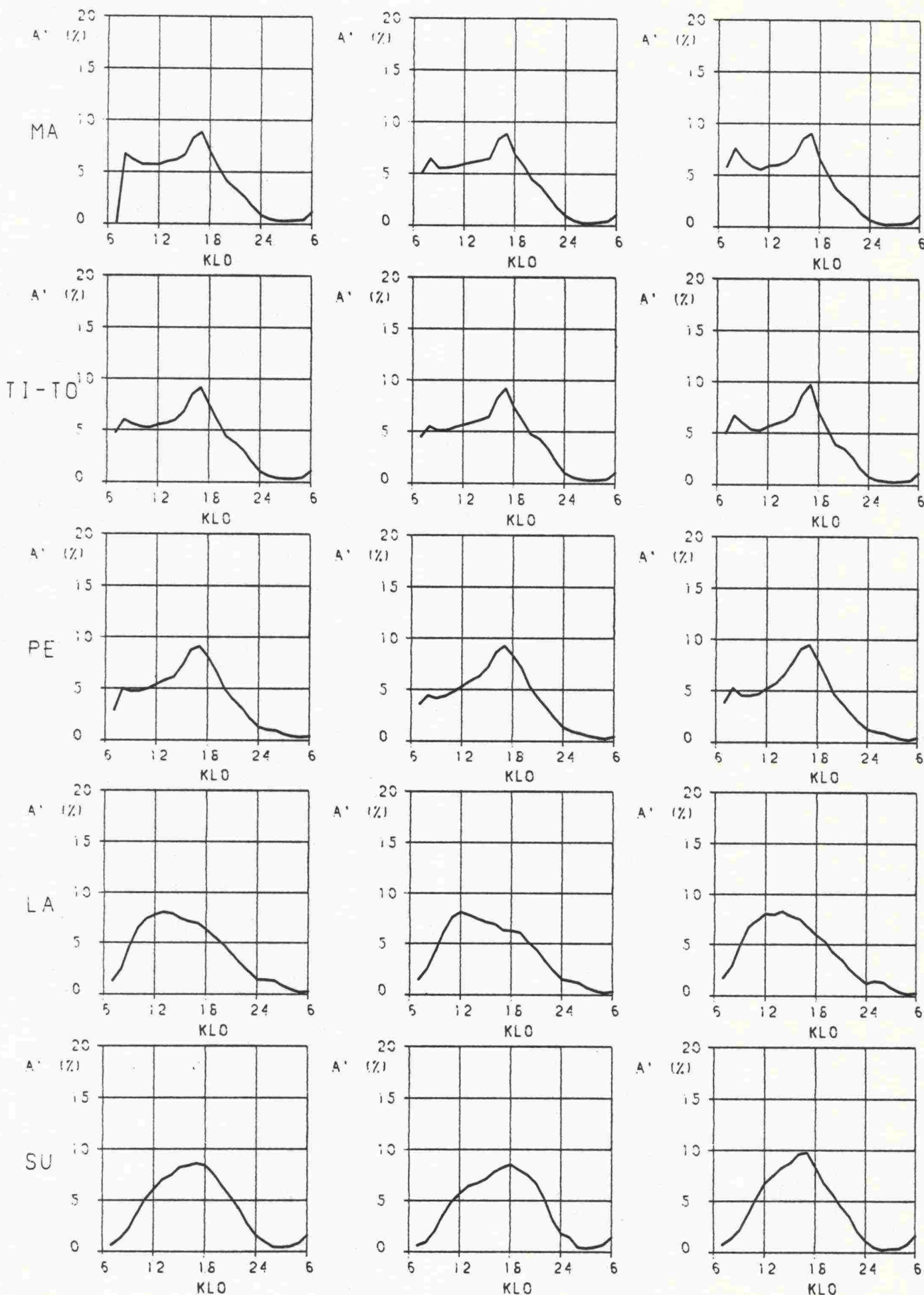
(A) MONTAKO 3 KO ENSIMMAISISTA TUNNEISTA OSUU PE-SU:ALLE



HELMIKUU

HEINAKUU

LOKAKUU



709JOENSUU/LENTOAS. T1986

VT17 TIEOSA 26 ETAISYYS 1.6 KM

KVL 9339 B' (SU/KESA) 0.92

KAVL 9317

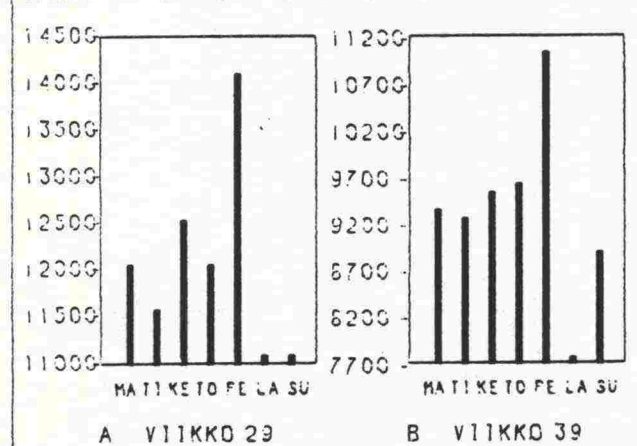
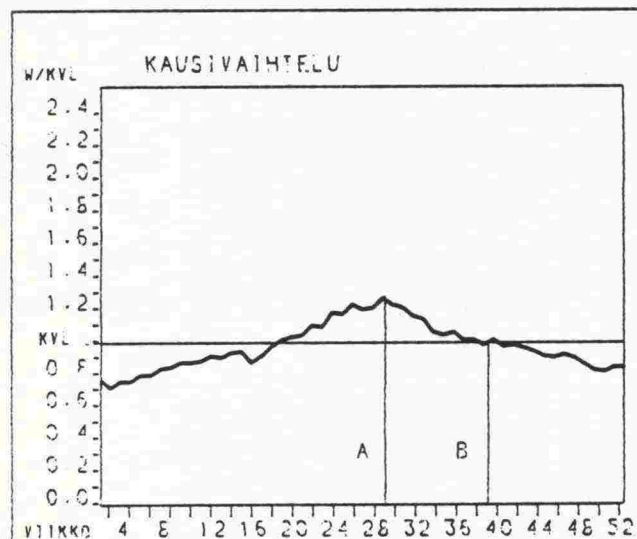
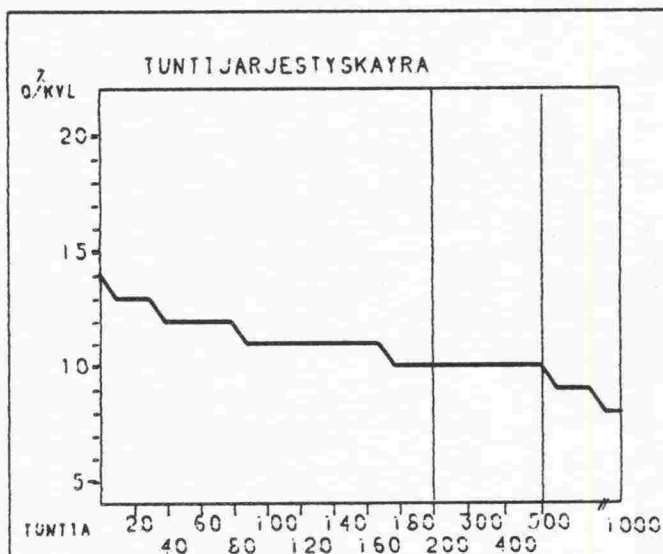
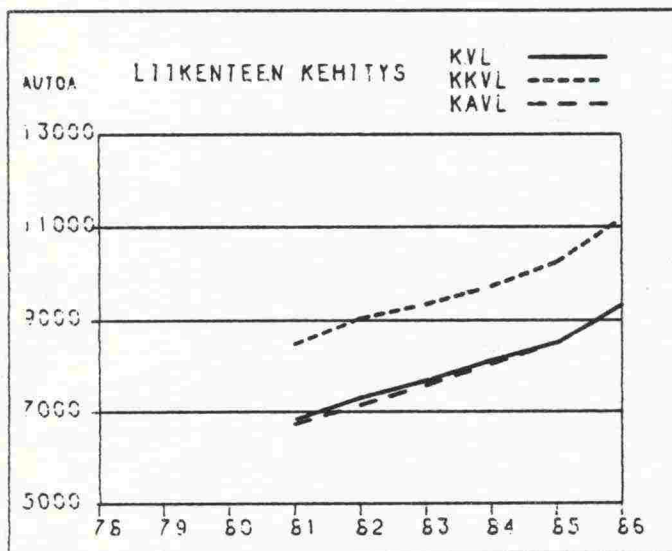
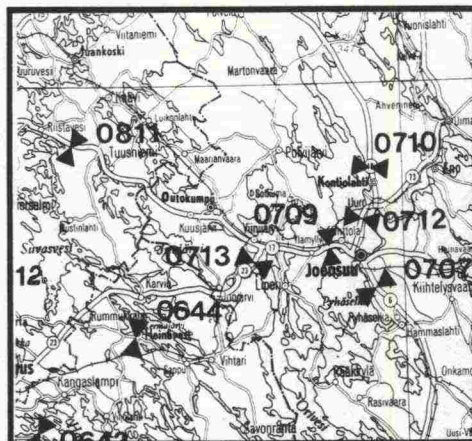
KKVL 11187 D' 1.19

ARKILIIKENTEEN KOOSTUMUS

HA 84 % PA 8 %

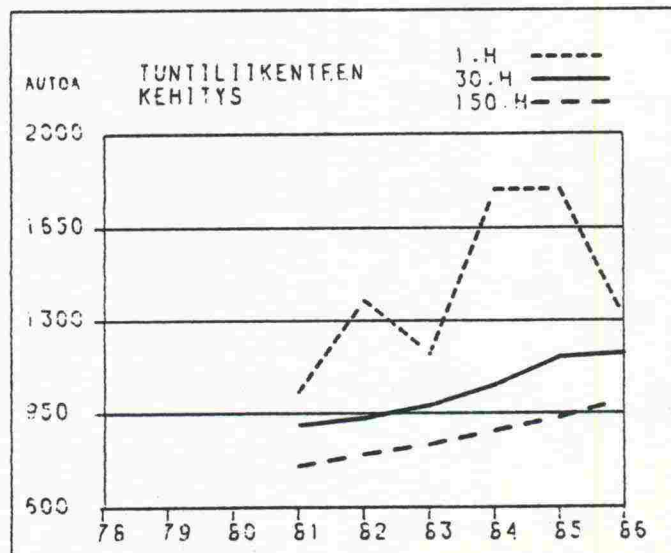
LA 2 % KAIP 4 %

KAPP KATP 2 %



H	D	PE-SU (KERTYMA)	HTK
1	1310	100	0.0
30	1176	63	1.1
100	1050	62	3.3
150	999	59	4.9
300	904	46	9.0
1000	728	47	25.5
5000	332	40	68.0

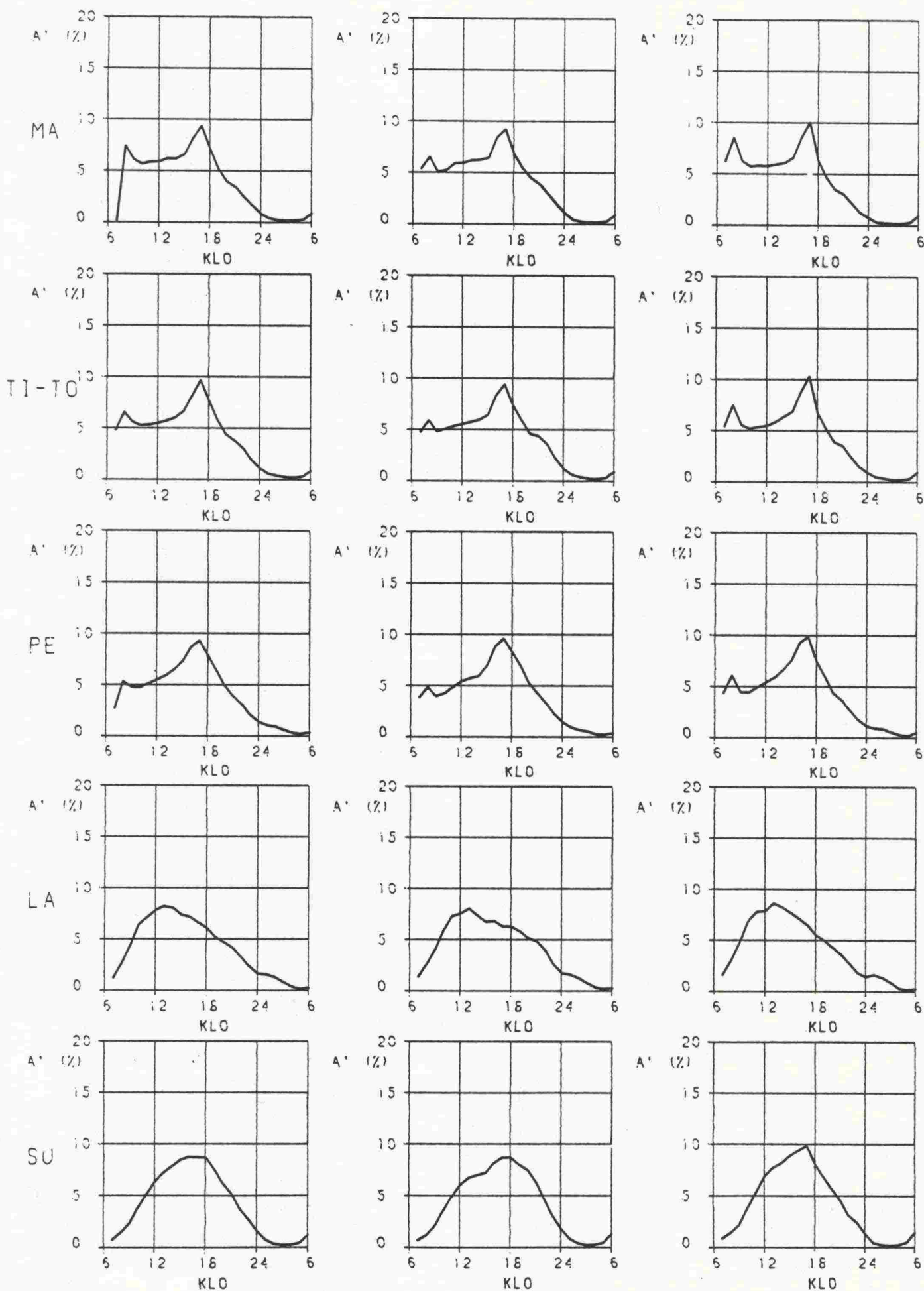
(*) MONTAKO % KO ENSIMMAISTISTA TUNNEISTA OSUU PE-SU:LE



HELMIKUU

HEINAKUU

LOKAKUU



71 OKONTIOLAHTI

1986

VT18 TIEOSA 8 ETAISYYS 0.5 KM

KVL 1269 B' (SU/KESA) 1.15

KAVL 1147

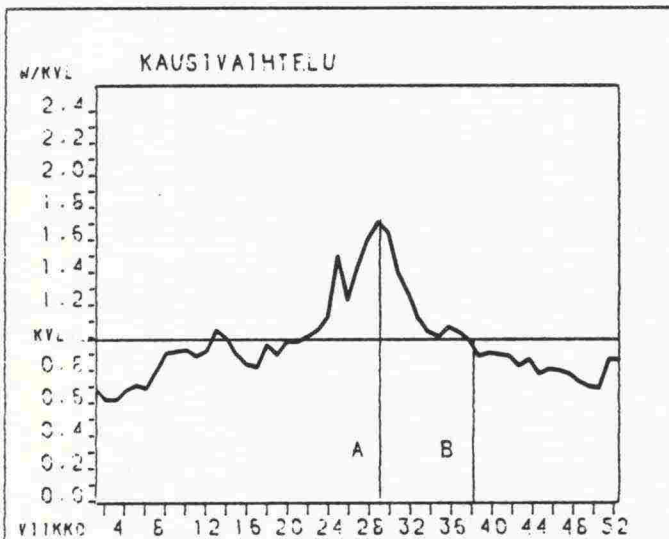
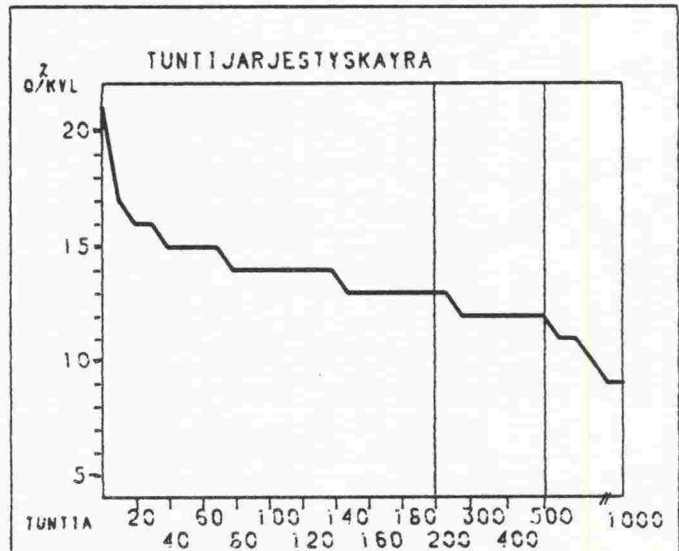
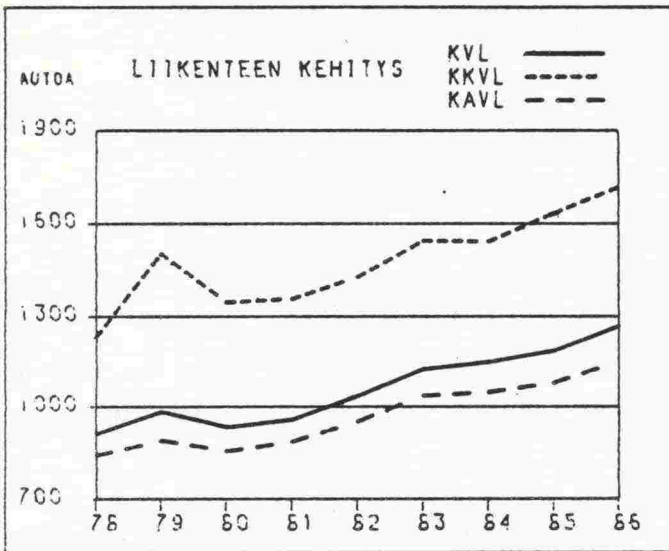
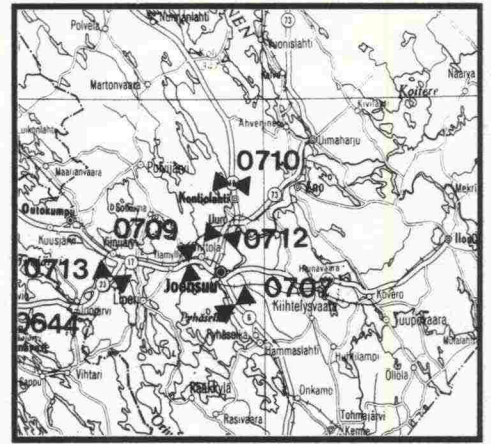
KKVL 1719 D' 1.35

ARKILIIKENTEEN KOOSTUMUS

HA 84% PA 6%

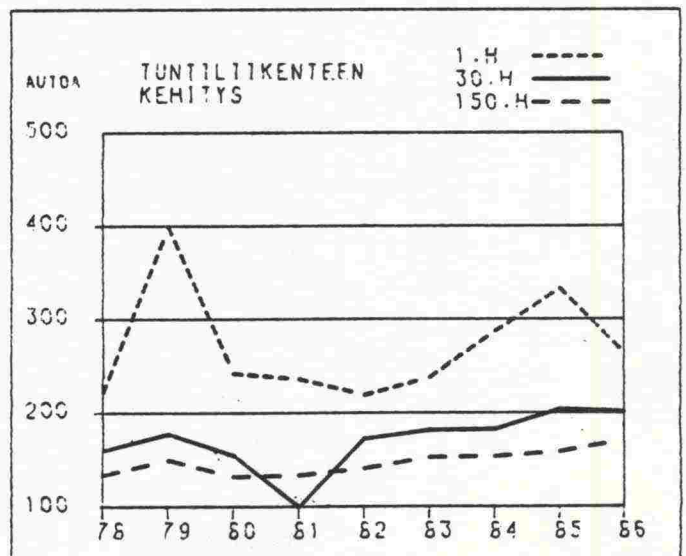
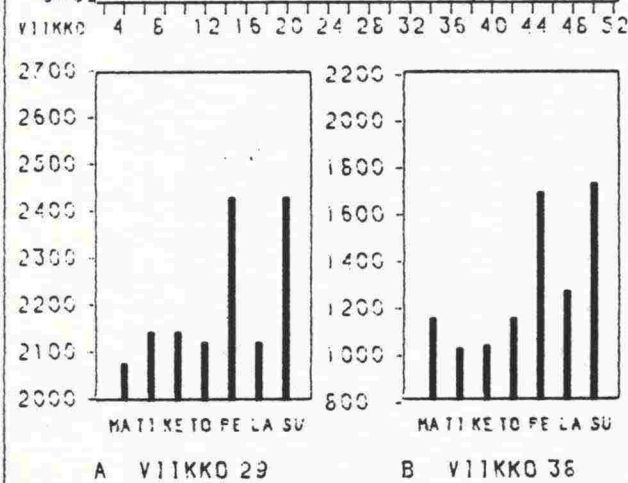
LA 1% KAIP 6%

KAPP 1% KATP 2%



H	Q	PE-SU (*)	KERTYMA	HTK
1	263	100	0.1	0.92
30	201	90	1.4	0.81
100	180	81	4.2	0.84
150	171	75	6.1	0.92
300	151	71	11.3	0.82
1000	108	69	30.3	0.79
5000	37	42	90.0	0.71

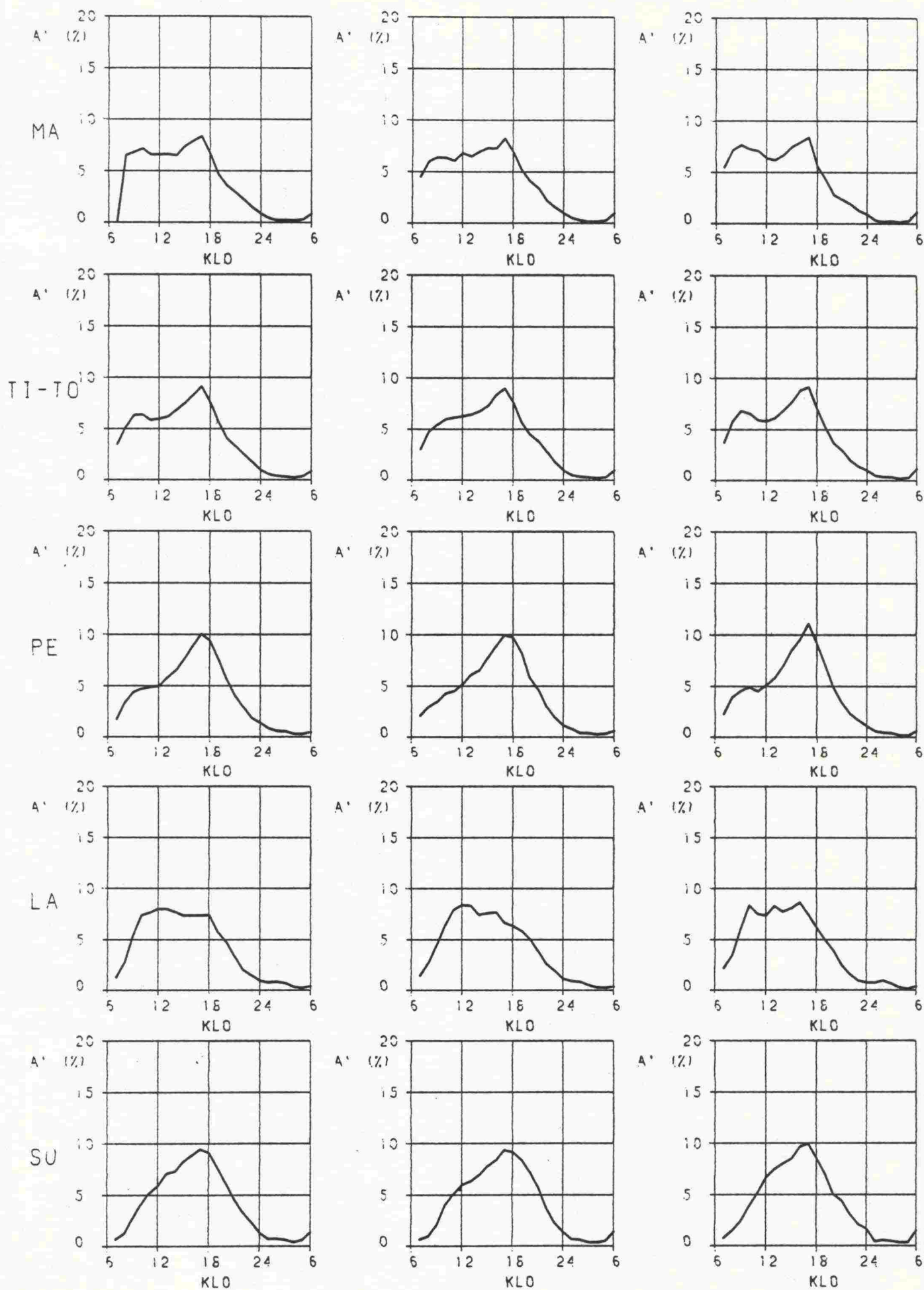
(*) MONTAKO 2 KO ENSIMMAISISTA TUNNEISTA OSUU PE-SU:ALLE



HELMIKUU

HEINAKUU

LOKAKUU



712UURO

1986

VT18 TIEOSA 3 ETAISYYS 5.4 KM

KVL 6751 B' (SU/KESA) 0.93

KAVL 6775

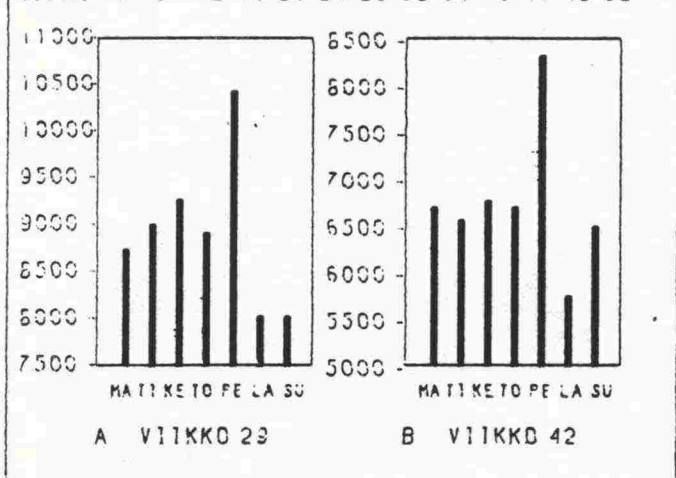
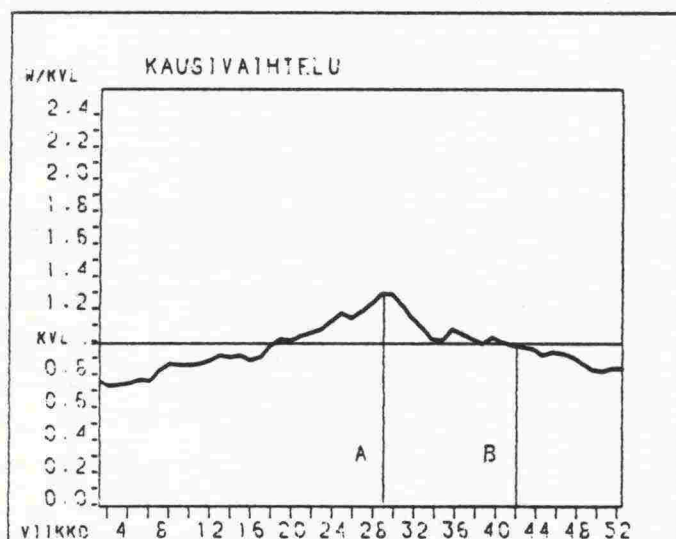
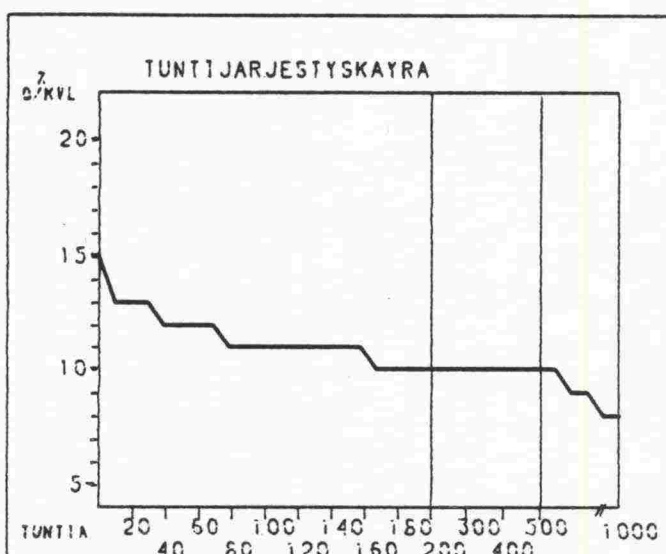
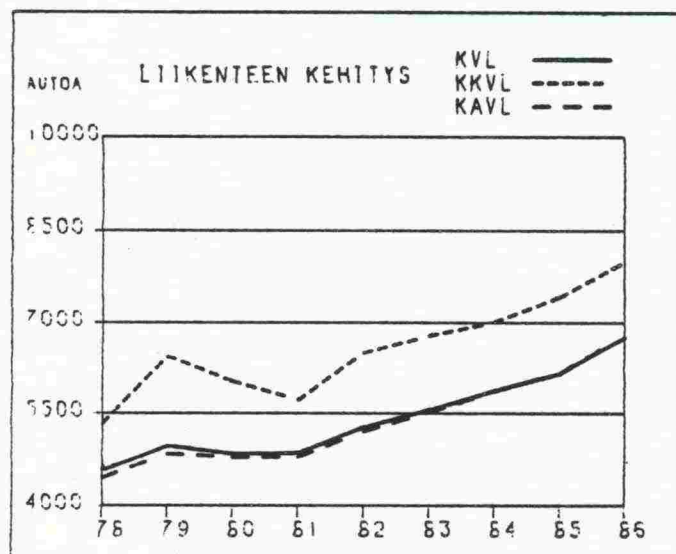
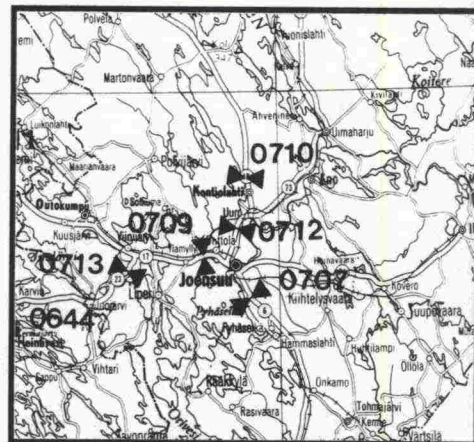
KKVL 8004 D' 1.18

ARKILIIKENTTEEN KOOSTUMUS

HA 85 % PA 6 %

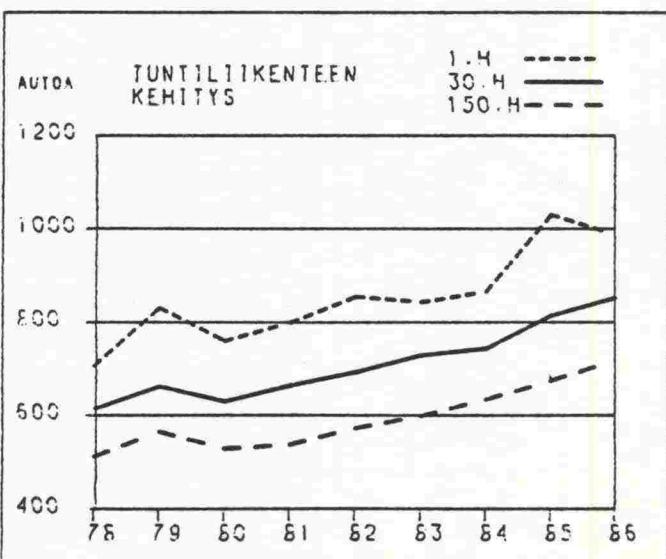
LA 2 % KAIP 4 %

KAPP KATP 3 %



H	D	PE-SU (*)	KERTYMA	HTK
1	988	100	0.0	0.93
30	853	90	1.1	0.92
100	755	75	3.4	0.58
150	719	61	4.9	0.66
300	662	51	9.1	0.85
1000	531	45	25.6	-
5000	237	40	88.0	0.85

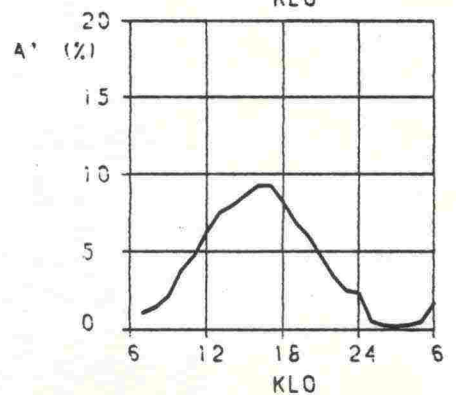
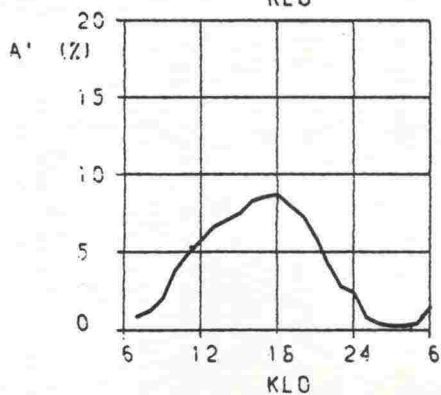
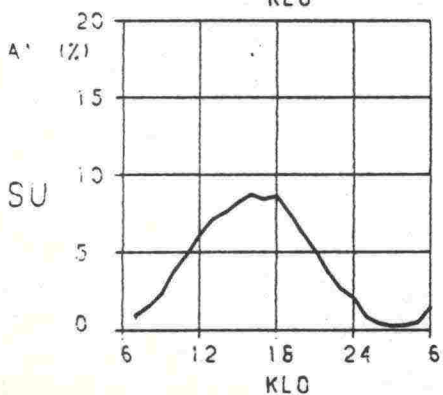
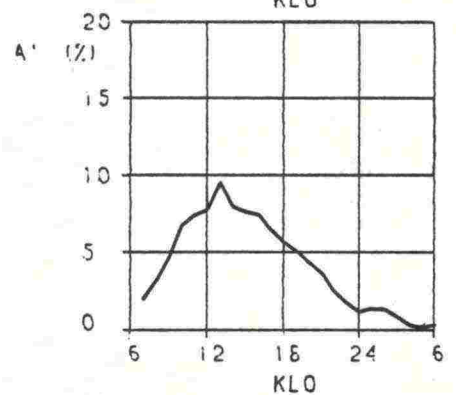
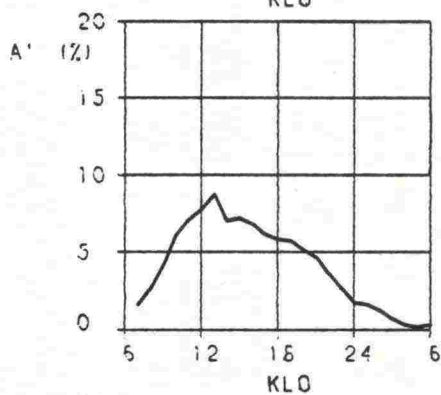
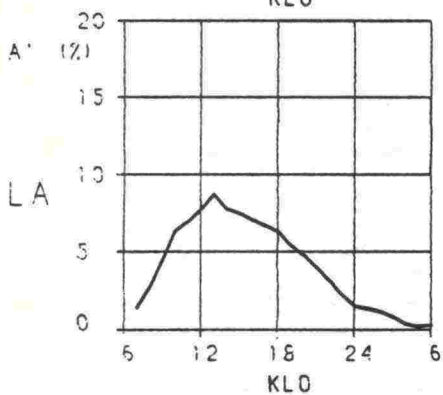
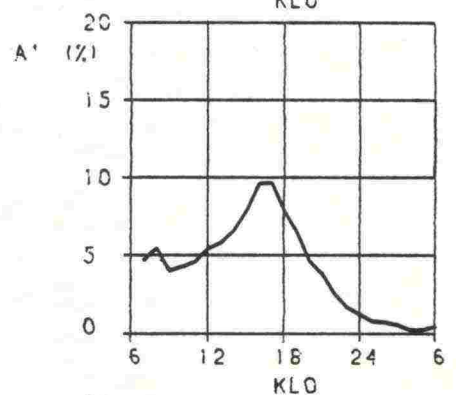
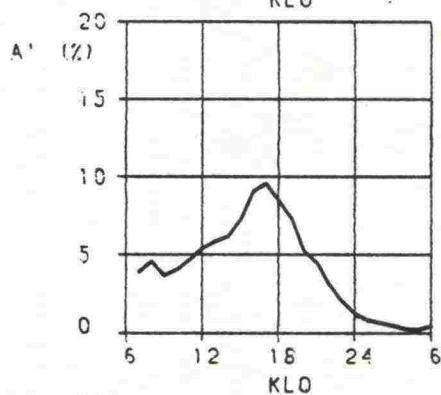
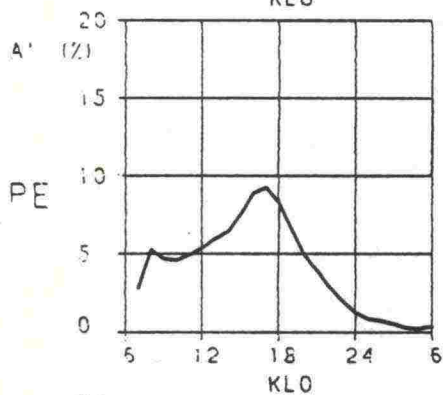
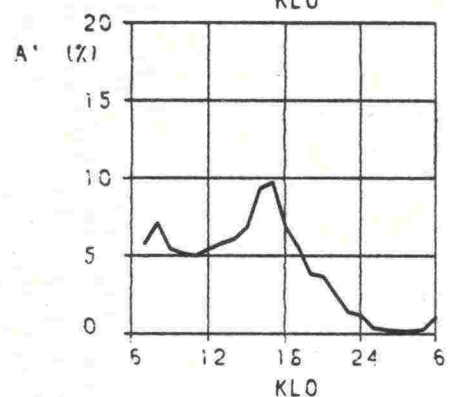
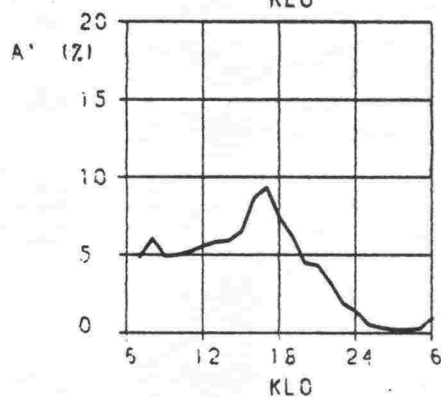
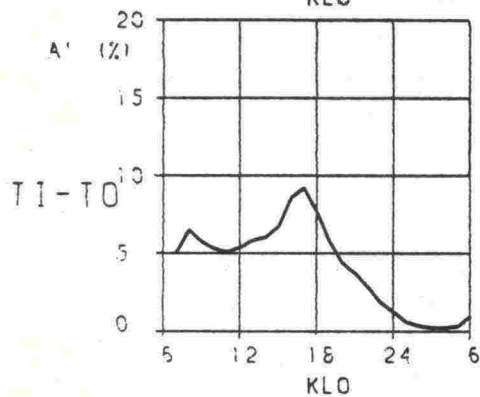
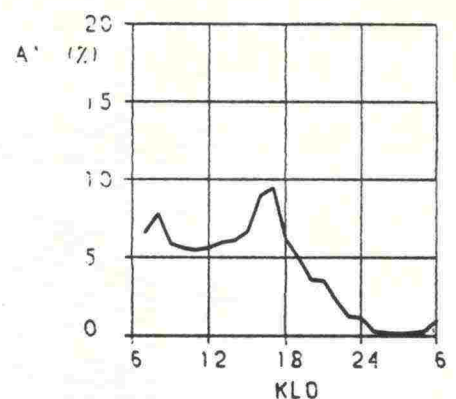
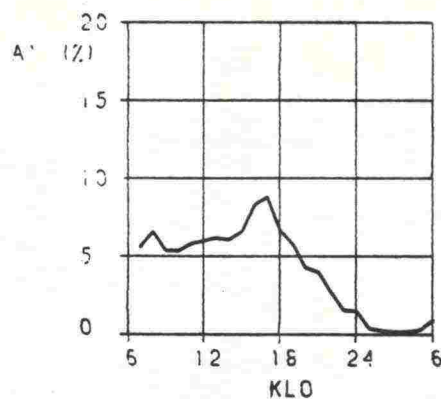
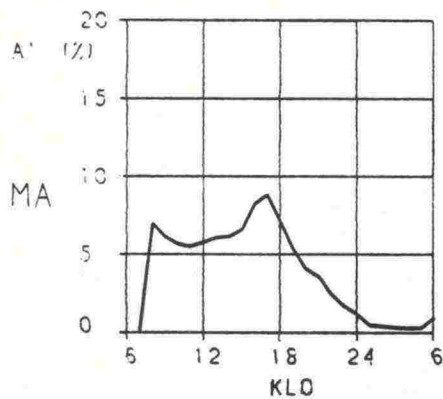
(*) MONTAKO % KO ENSIMMAISISTA TUNNEISTA OSUUS PE-SU:ALLE



HELMIKUU

HEINAKUU

LOKAKUU

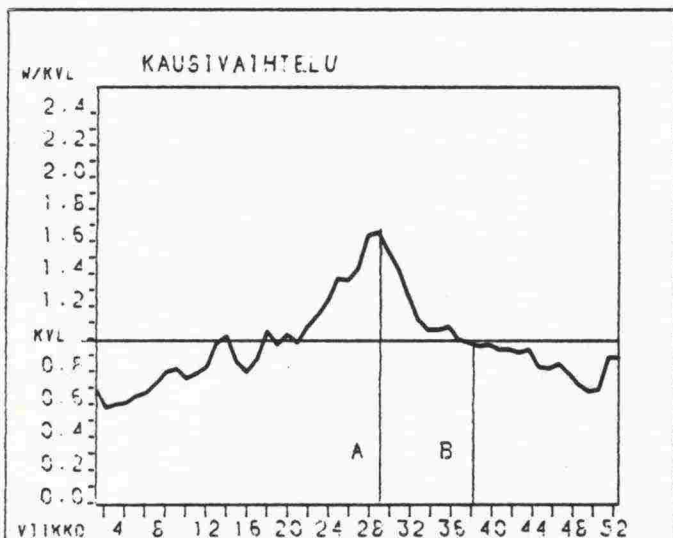
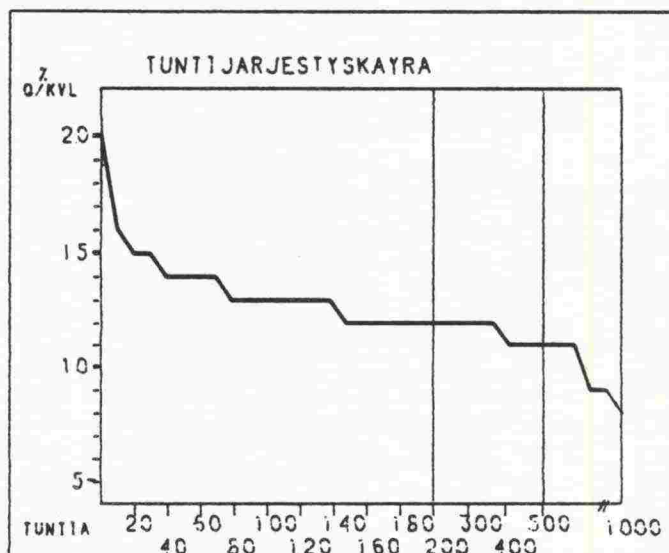
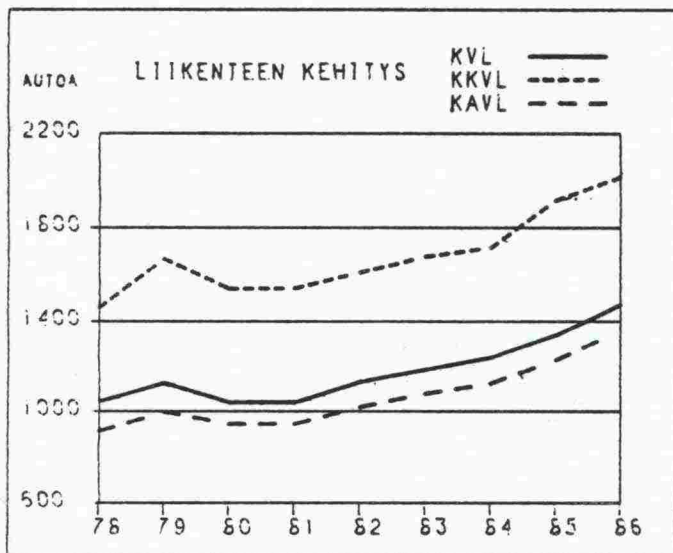
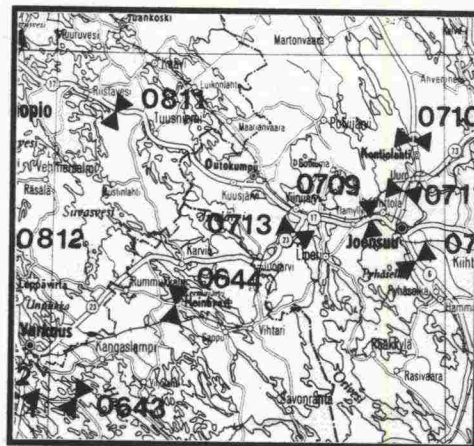


713RISTINPOHJA 1986
VT23 TIEOSA 417 ETAISYYS 5.3KM

KVL 1475 B' (SU/KESA) 1.17
KAVL 1359
KKVL 2017 D' 1.36

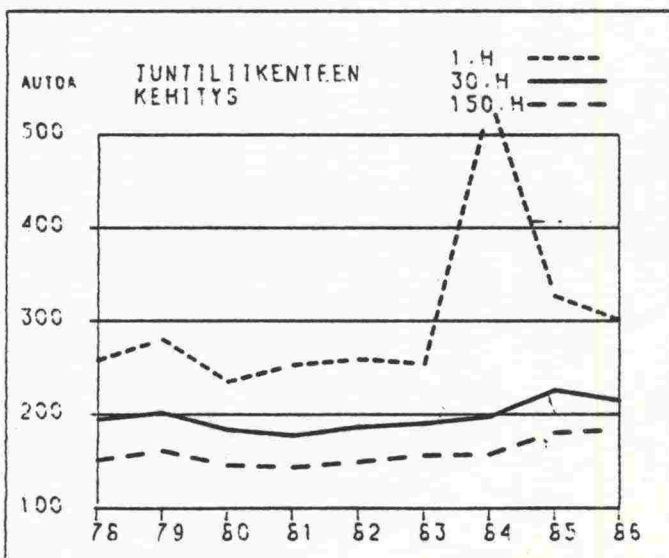
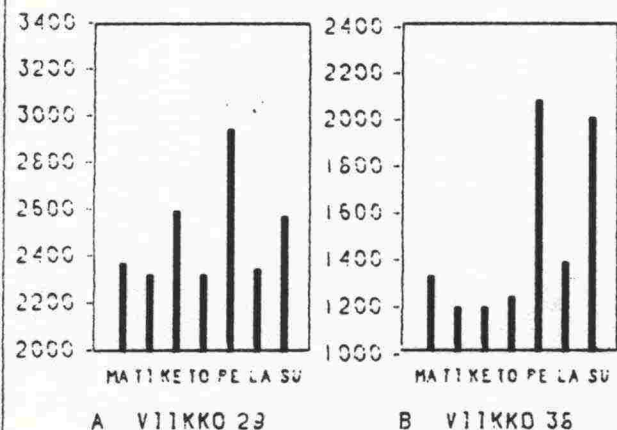
ARKILIIKENTTEEN KOOSTUMUS

HA 77 % PA 6 %
LA 1 % KAIP 9 %
KAPP 1 % KATP 6 %



H	Q	PE-SU (•KERTYMA	HTK
1	301	0	0.1
30	215	70	1.3
100	193	69	3.9
150	184	70	5.7
300	167	71	10.6
1000	119	67	28.7
5000	48	43	66.5

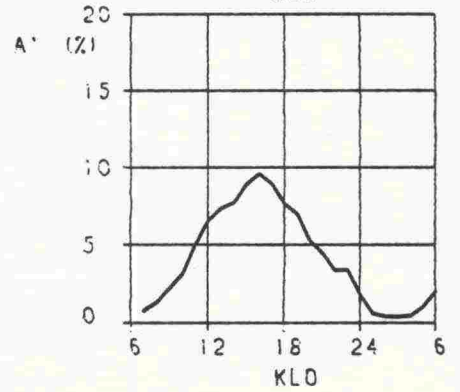
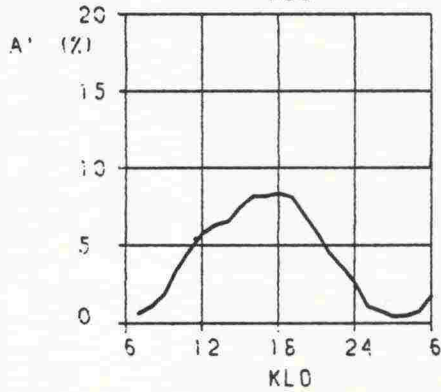
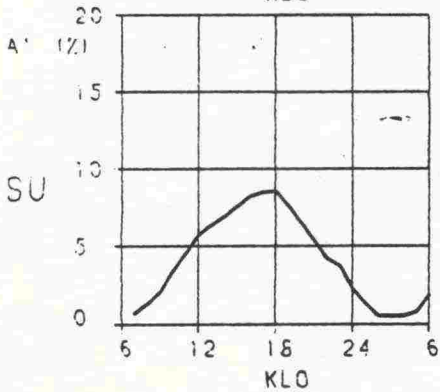
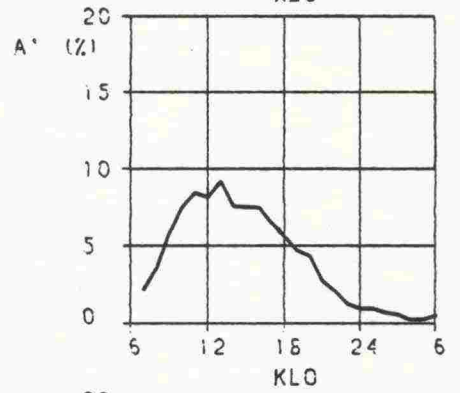
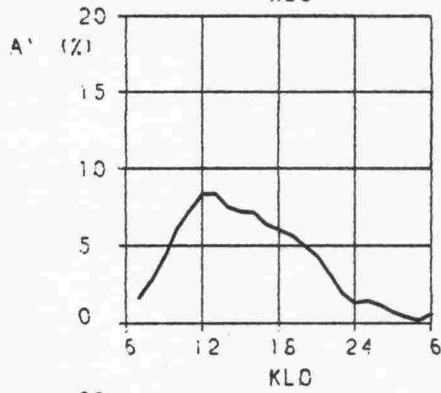
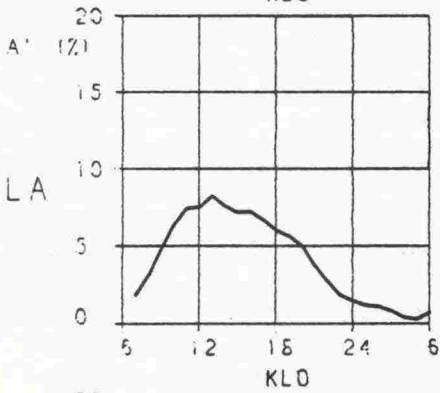
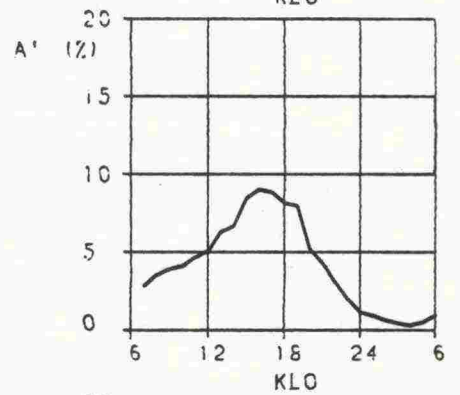
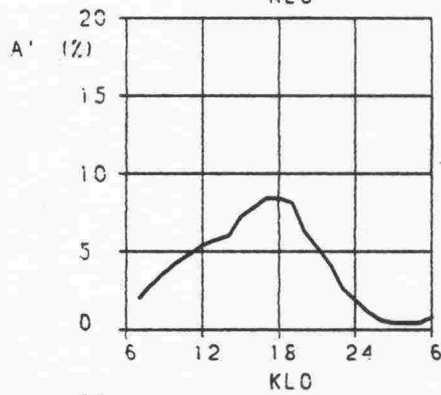
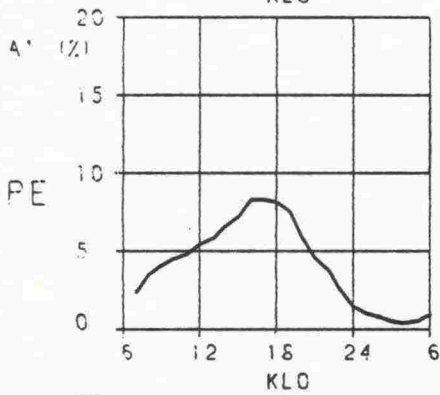
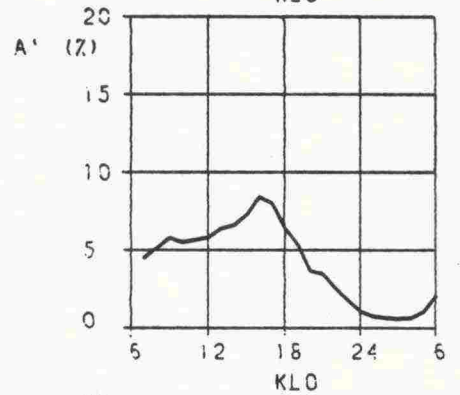
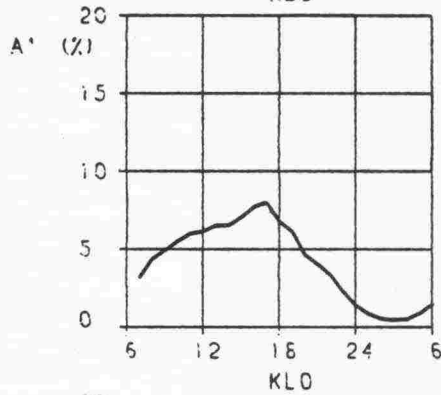
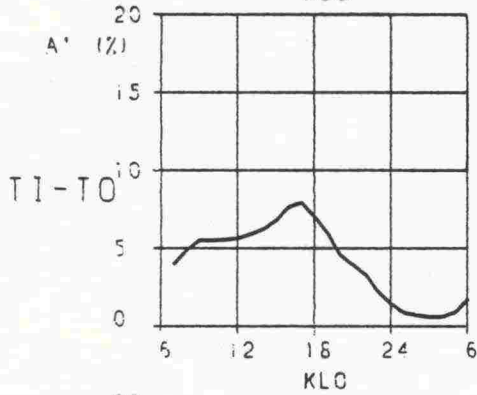
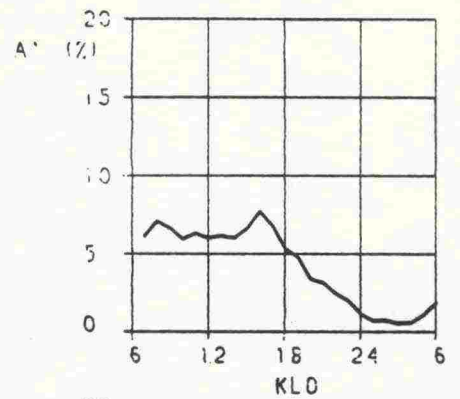
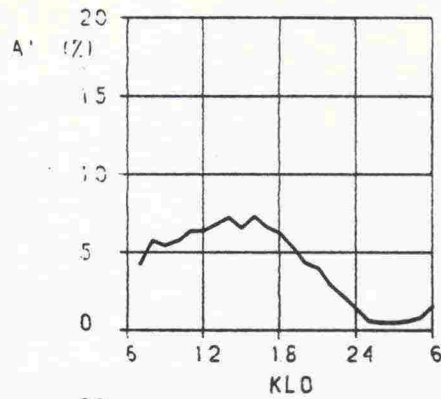
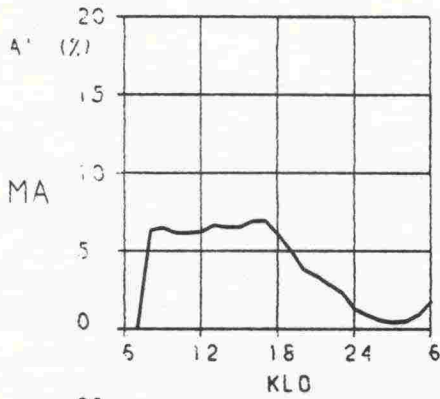
(•) MONTAKO 2 KO ENSIMMAISISTA TUNNEISTA OSUU PE-SU:ALLE



HELMIKUU

HEINAKUU

LOKAKUU



808SIILINJÄRVI

1986

VT5

TIEDOSA 204 ETAISYYS 0.0KM

KVL 11355

B' (SU/KESA) 0.96

KAVL 11332

KKVL 13333

D' 1.17

ARKILIIKENTEEEN KOOSTUMUS

HA 81 %

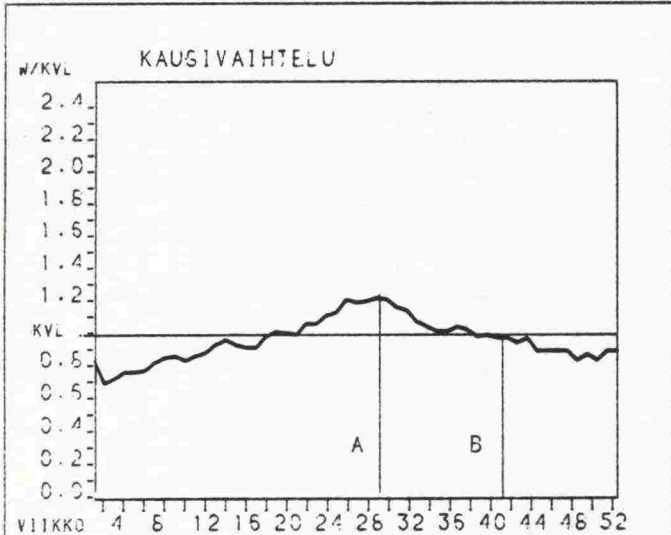
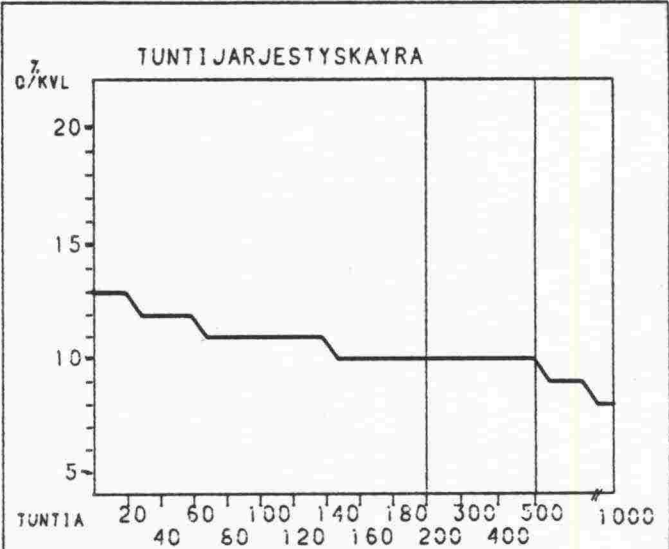
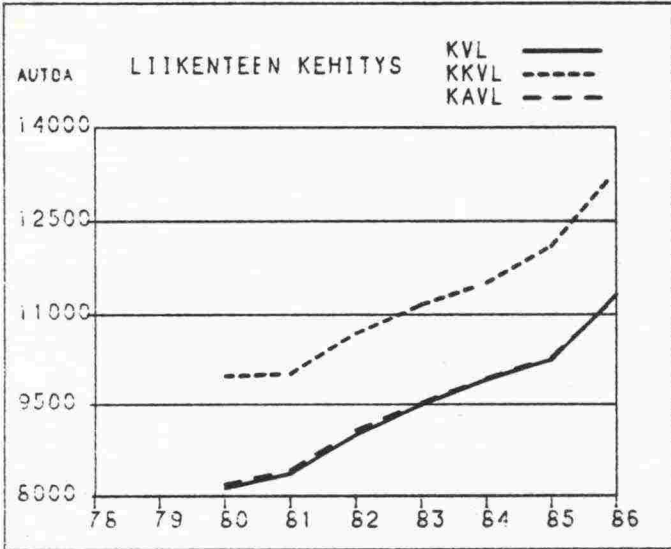
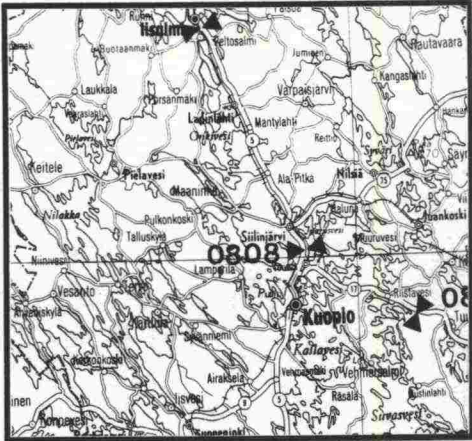
PA 6 %

LA 2 %

KAIP 5 %

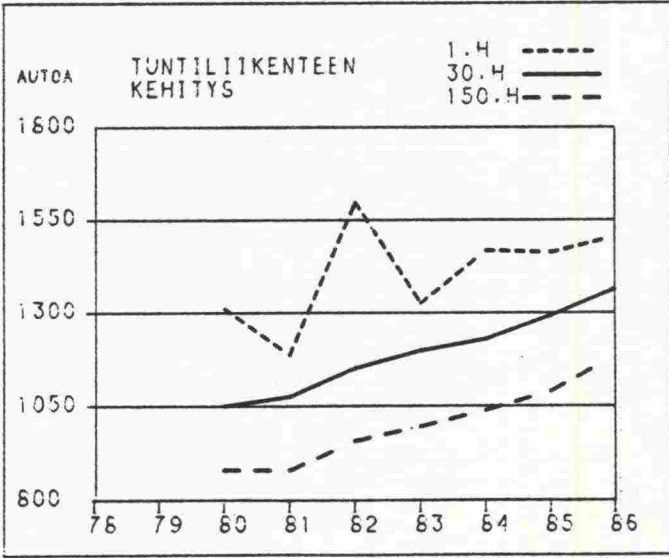
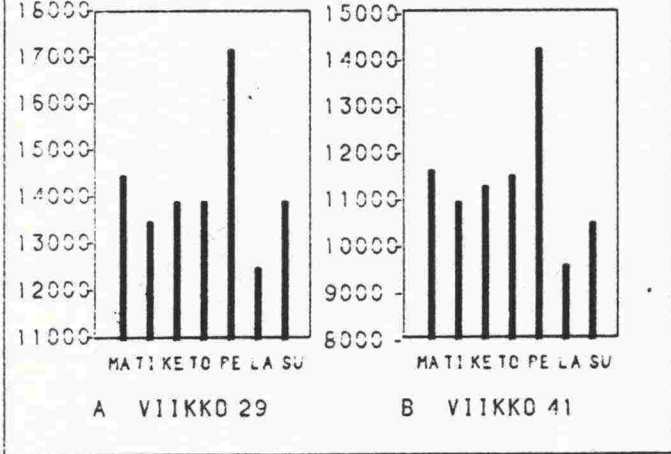
KAPP

KATP 6 %



H	D	PE-SU (*)	KERTYMA	HTK
1	1509	100	0.0	0.93
30	1369	93	1.0	0.94
100	1214	62	3.3	0.96
150	1168	72	4.7	0.88
300	1102	56	6.6	0.90
1000	676	46	25.3	0.69
5000	401	40	67.1	0.64

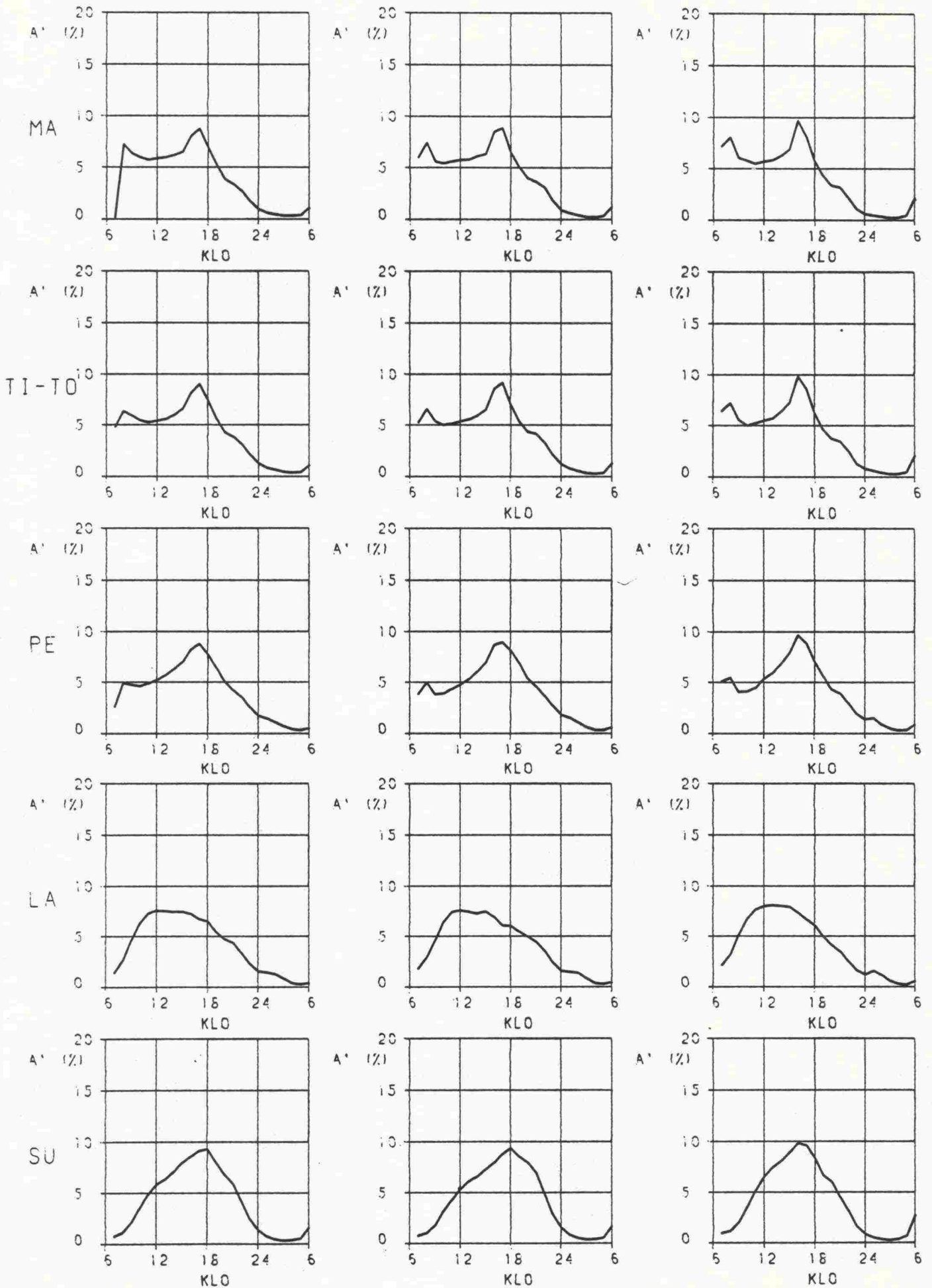
(*) MONTAKO % KO. ENSIMMAISISTA TUNNEISTA OSUUS PE-SU: LLE



HELMIKUU

HEINAKUU

LOKAKUU



811 TUUSJÄRVI

1986

VT17 TIEOSA 7 ETAISYYS 5.1 KM

KVL 1744 B' (SU/KESA) 1.10

KAVL 1627

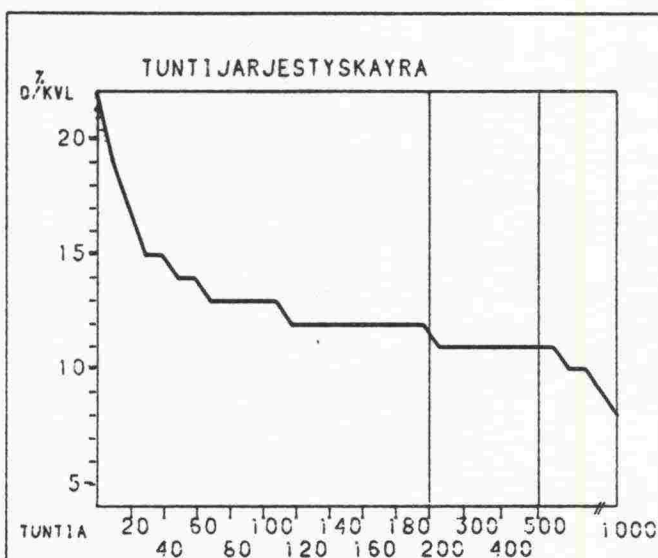
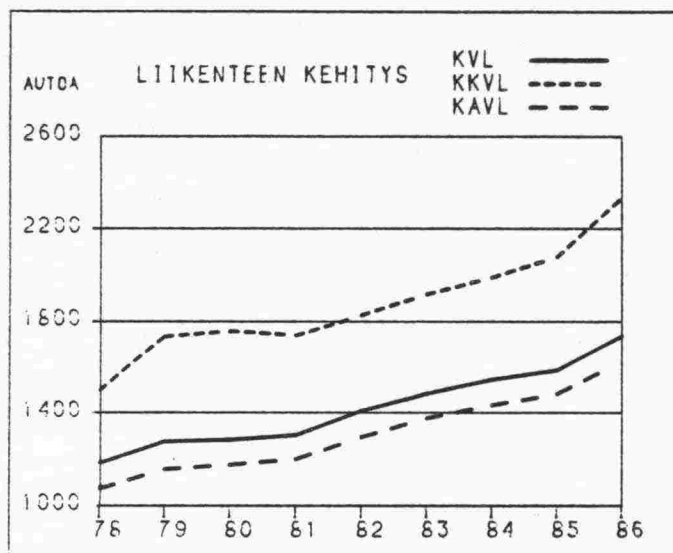
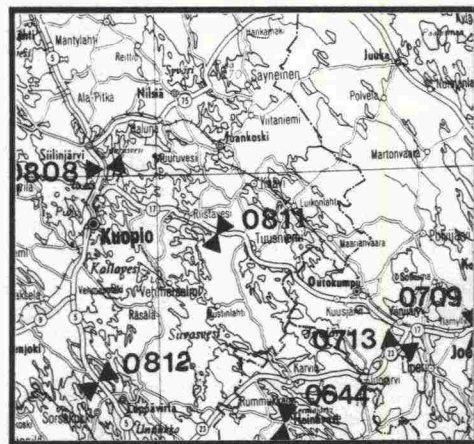
KKVL 2342 D' 1.34

ARKILIIKENTEEEN KOOSTUMUS

HA 81 % PA 5 %

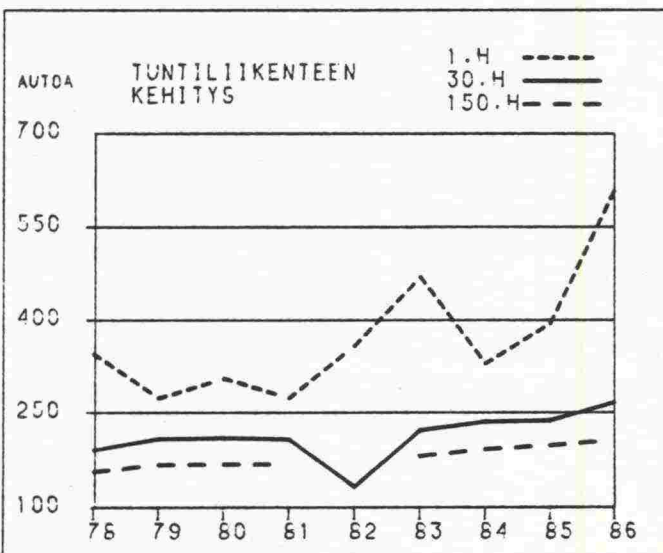
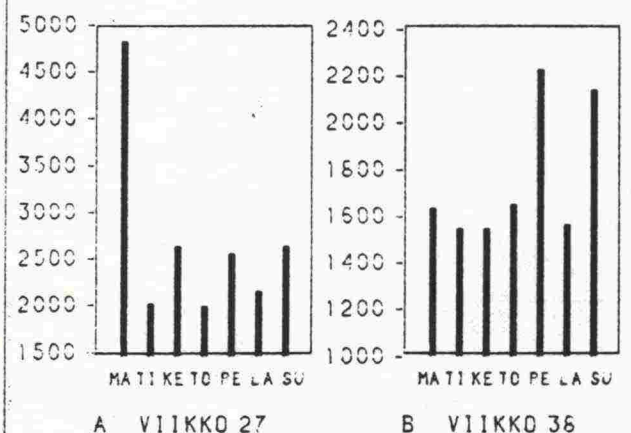
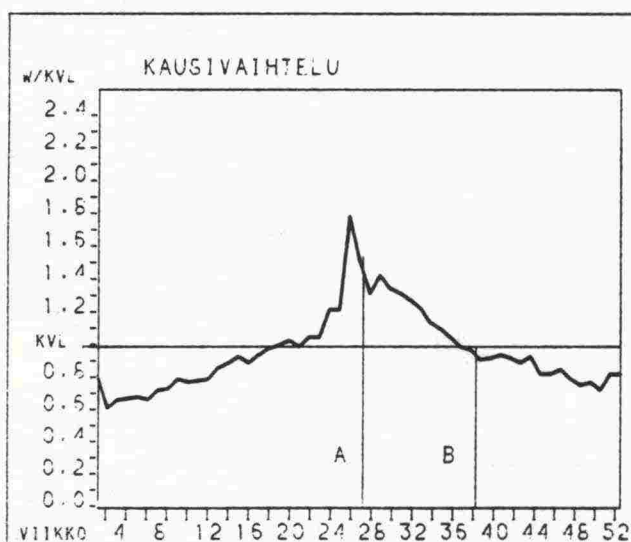
LA 2 % KAIP 6 %

KAPP 1 % KATP 5 %



H	Q	PE-SU (•KERTYMA	HTK	
1	611	0	0.1	0.85
30	269	76	1.6	0.87
100	223	79	4.3	0.94
150	210	80	5.9	0.88
300	191	79	10.7	-
1000	146	64	28.6	0.61
5000	53	42	69.1	0.73

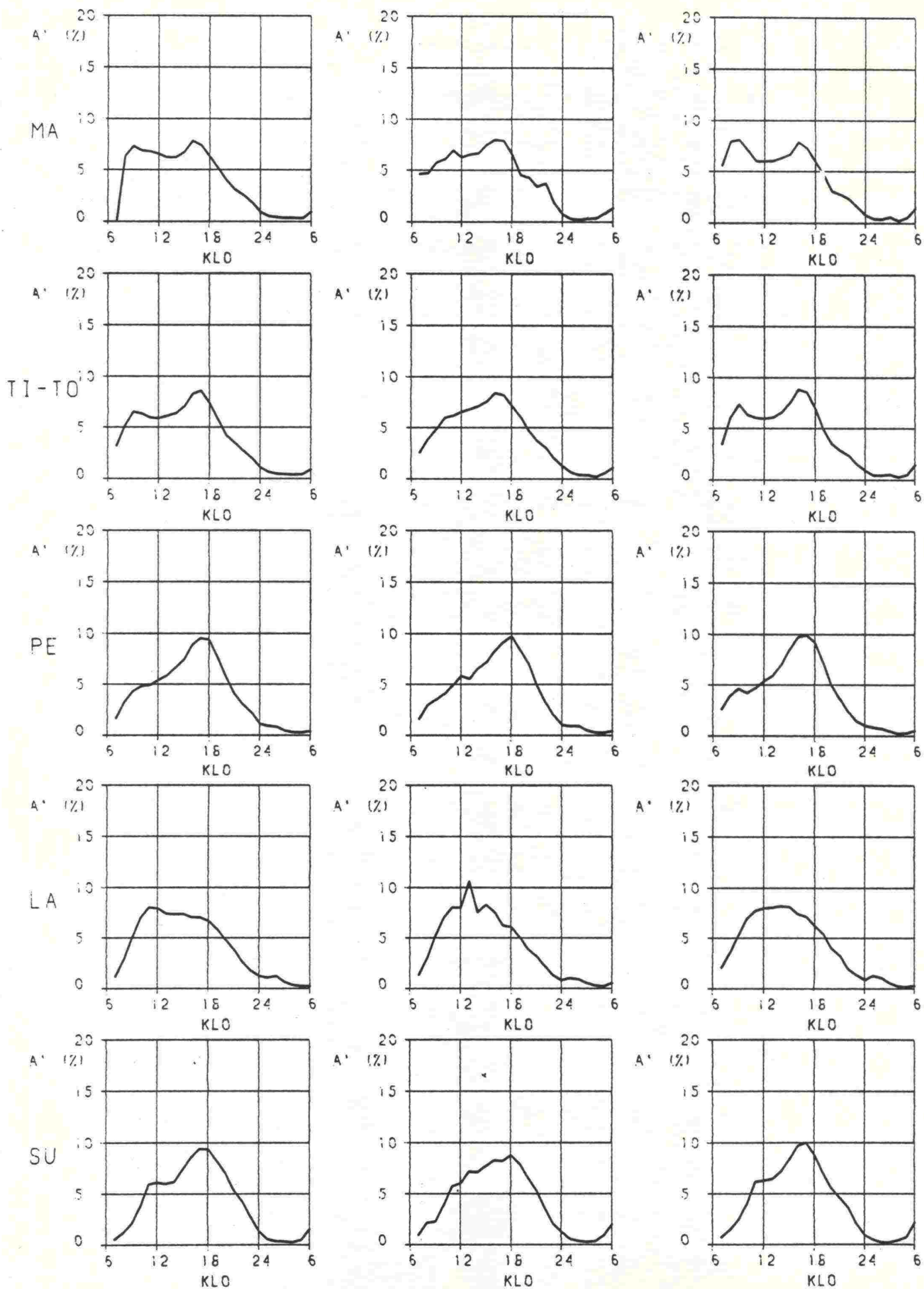
(•) MONTAKO % KO ENSIMMAISISTA TUNNEISTA OSUJ PE-SU: LLE



HELMIKUU

HEINAKUU

LOKAKUU



818 IISALMI

1986

VT5

TIEOSA 217 ETAISYYS 4.5 KM

KVL 14356

B' (SU/KESA) 0.84

KAVL 14639

KKVL 15905

D' 1.10

ARKILIIKENTEEN KOOSTUMUS

HA 84 %

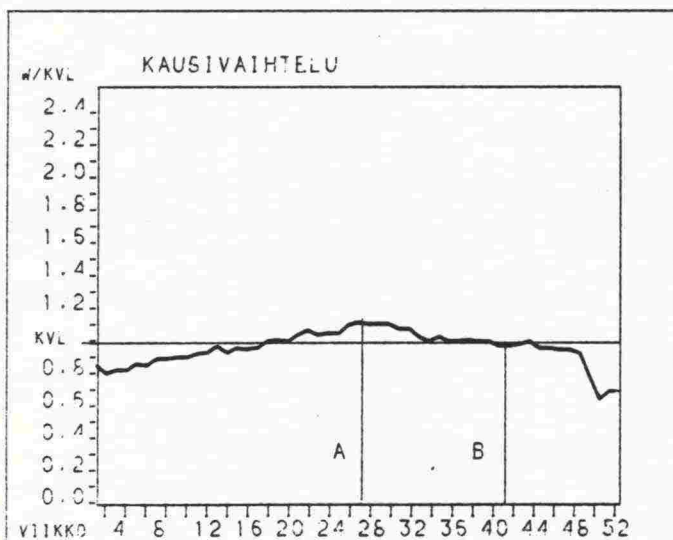
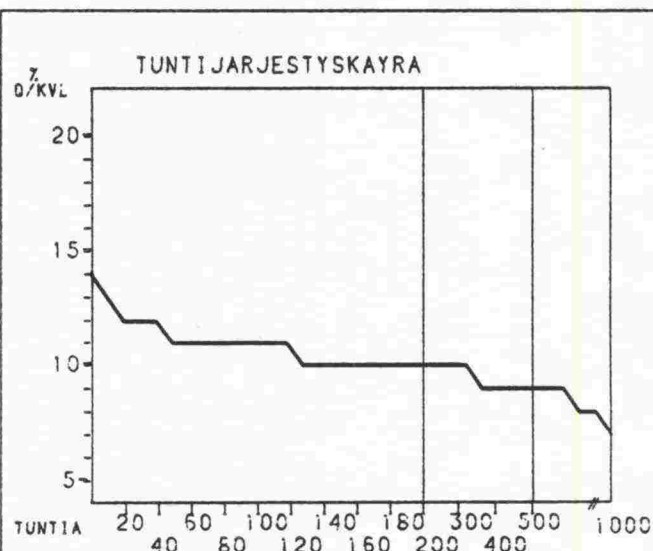
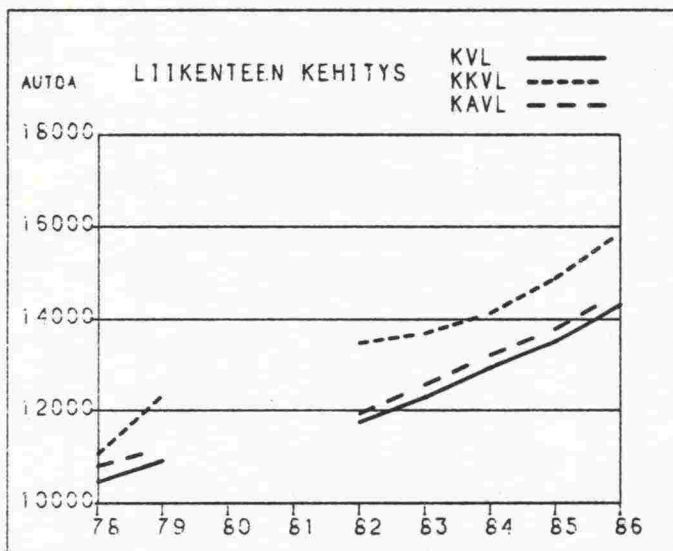
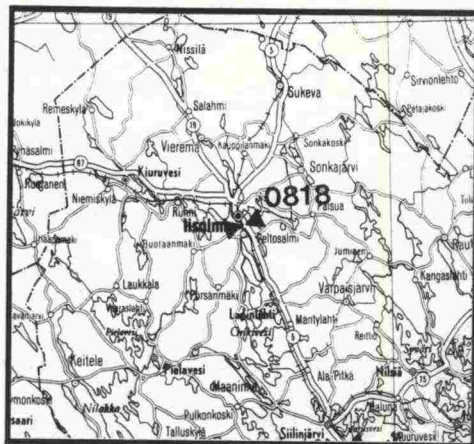
PA 8 %

LA 2 %

KAIP 4 %

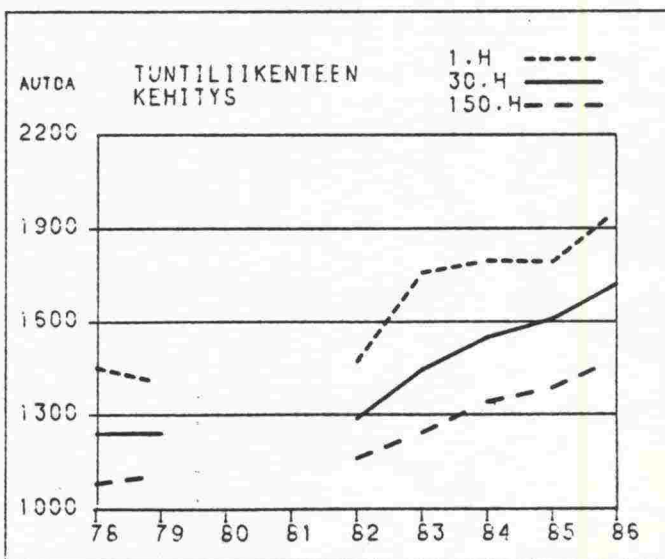
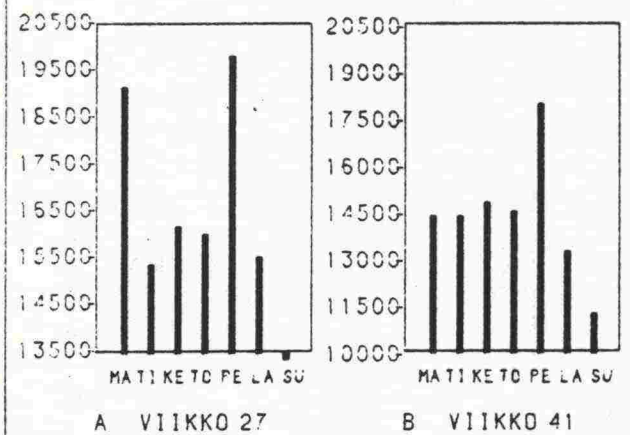
KAPP

KATP 2 %



H	Q	PE-SU (•)	KERTYMA	HTK
1	1960	0	0.0	-
30	1725	73	1.0	-
100	1537	66	3.2	0.95
150	1463	56	4.6	0.84
300	1345	39	6.7	0.65
1000	1075	42	24.4	0.92
5000	560	39	66.1	0.93

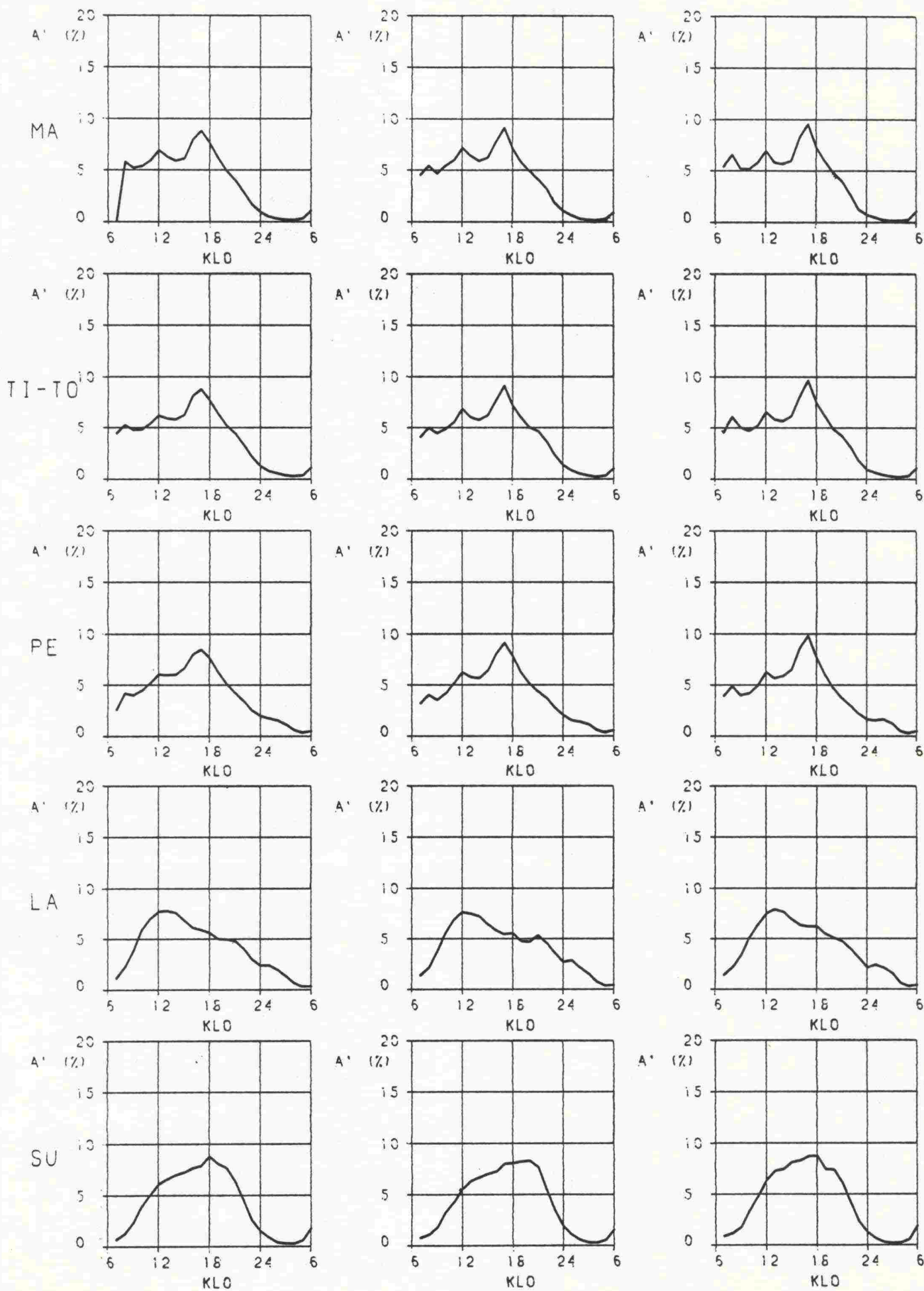
(*) MONTAKO % KD. ENSIMMAISISTA TUNNEISTA OSUO PE-SU-LLE



HELMIKUU

HEINAKUU

LOKAKUU



907 JYVÄSKYLÄ

1986

VT4

TIEOSA 234 ETAISYYS 2.1 KM

KVL 9459

B' (SU/KESA) 1.06

KAVL 8957

KKVL 11226

D' 1.18

ARKILIIKENTEEEN KOOSTUMUS

HA 84 %

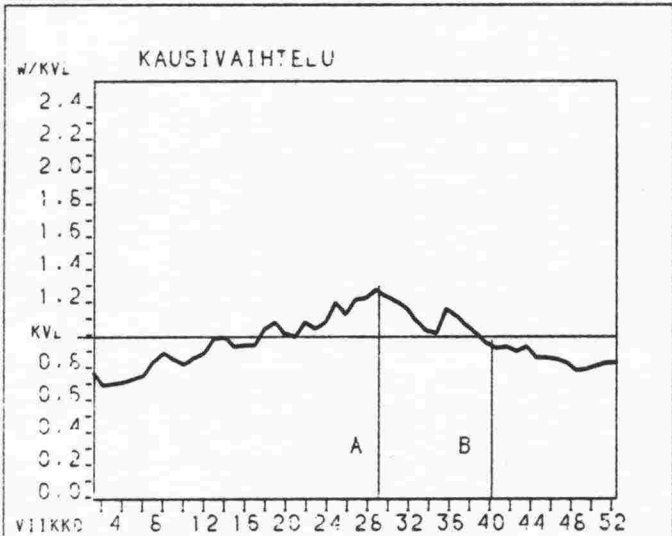
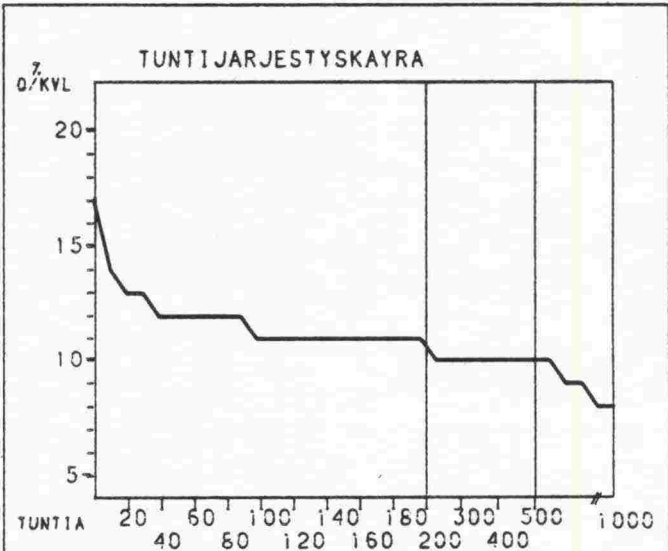
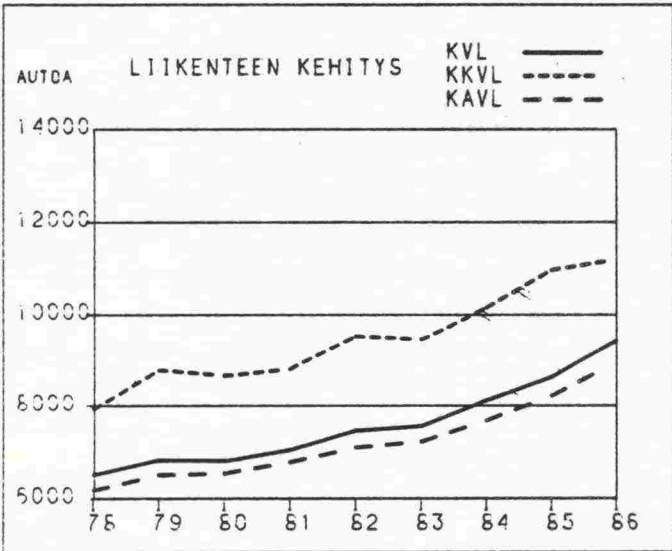
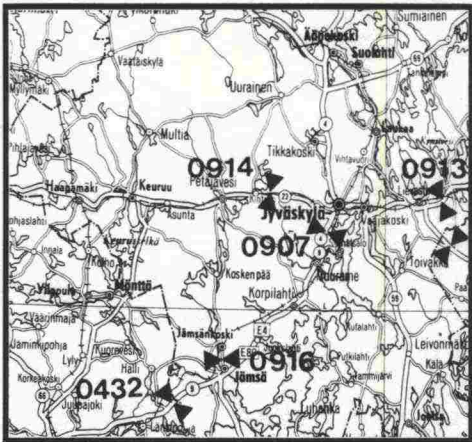
PA 6 %

LA 2 %

KAIP 4 %

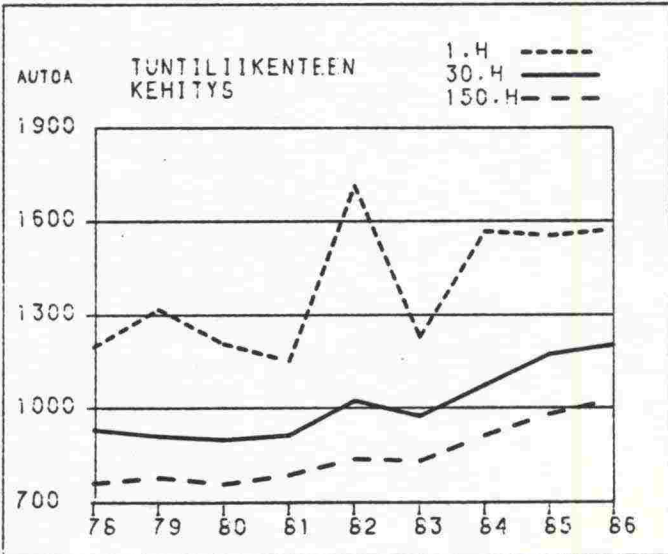
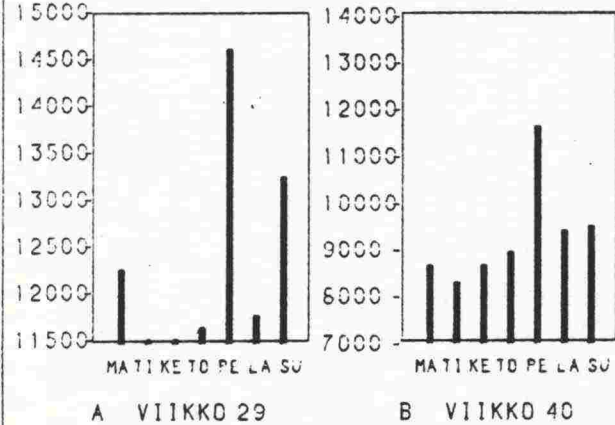
KAPP 1 %

KATP 3 %



H	O	PE-SU (•KERTYMA)	HTK
1	1579	100	0.1
30	1206	70	1.1
100	1062	79	3.4
150	1032	83	5.0
300	941	81	9.2
1000	730	61	25.6
5000	334	41	84.1

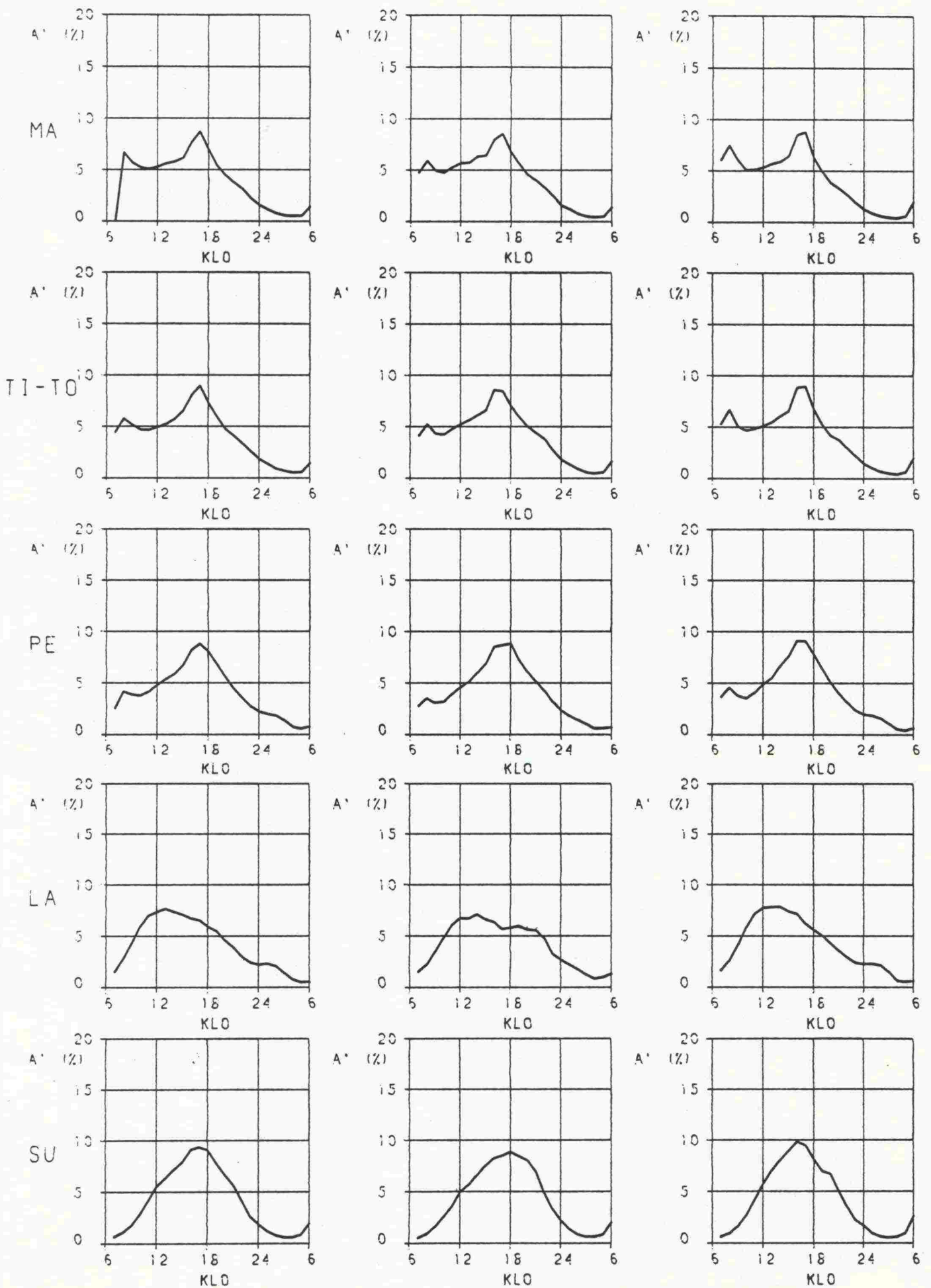
(•) MONTAKO % KO-ENSIMMAISISTA TUNNEISTA OSU PE-SU:ILLE



HELMIKUU

HEINAKUU

LOKAKUU



910 AANEKOSKI

1986

VT4 TIEOSA 310 ETAISYYS 1.4 KM

KVL 3617 B' (SU/KESA) 1.23

KAVL 3206

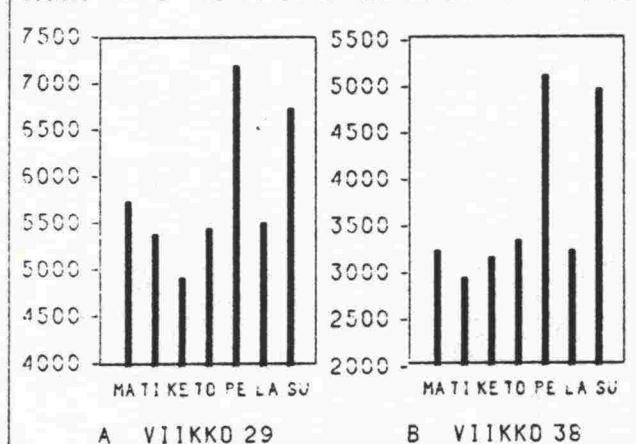
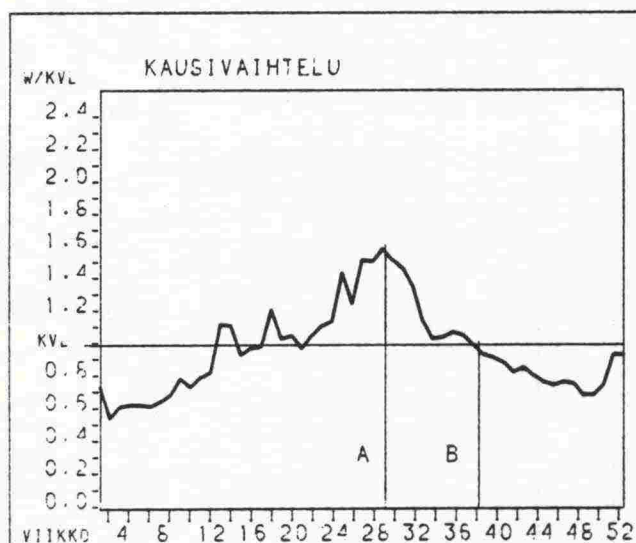
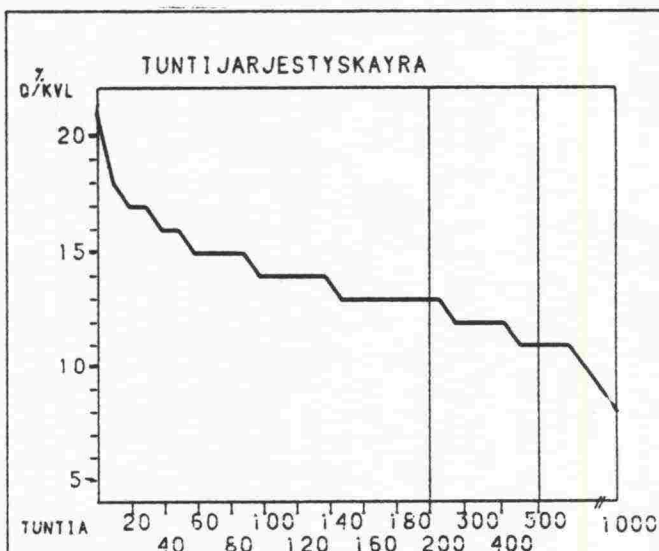
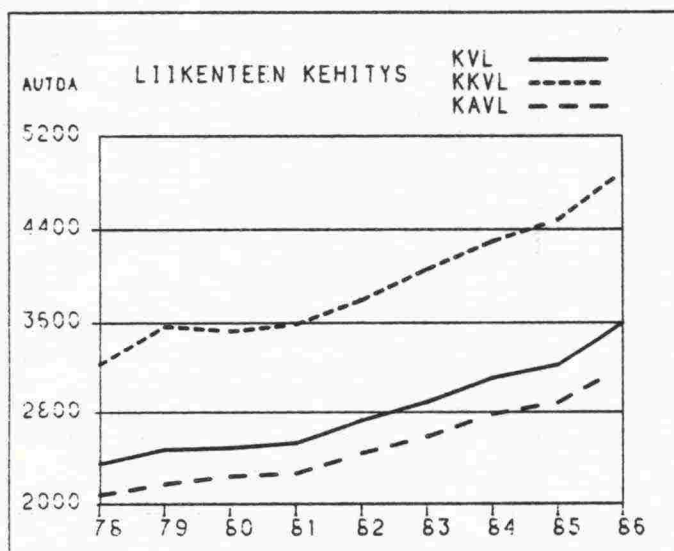
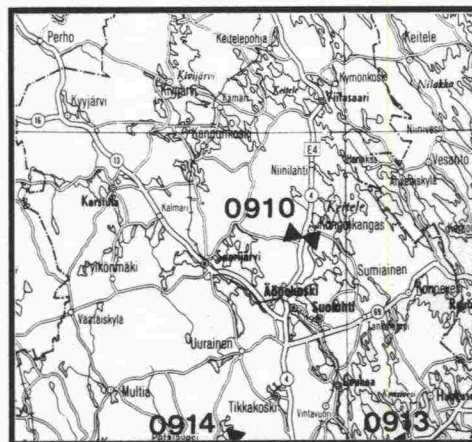
KKVL 4904 D' 1.35

ARKILIIKENTTEEN KOOSTUMUS

HA 77 % PA 6 %

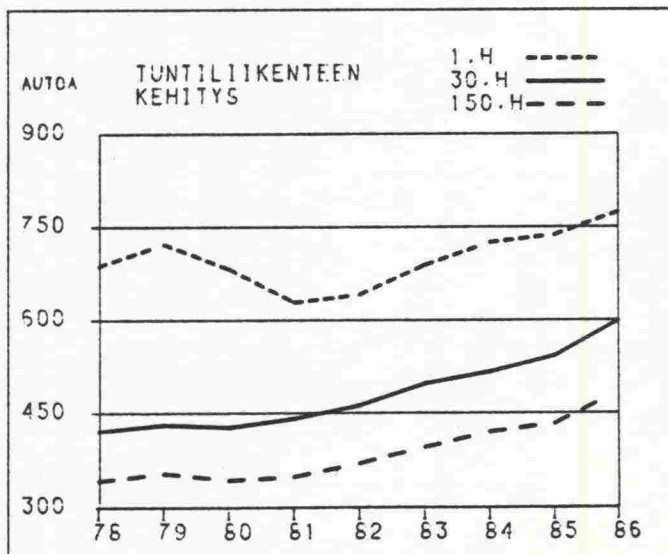
LA 2 % KAIP 5 %

KAPP 1 % KATP 9 %



H	D	PE-SU (*)	KERTYMA	HTK
1	777	0	0.1	0.93
30	602	63	1.5	0.77
100	524	81	4.4	0.94
150	467	81	6.3	0.90
300	422	84	11.5	0.91
1000	267	72	29.6	-
5000	116	43	64.6	0.46

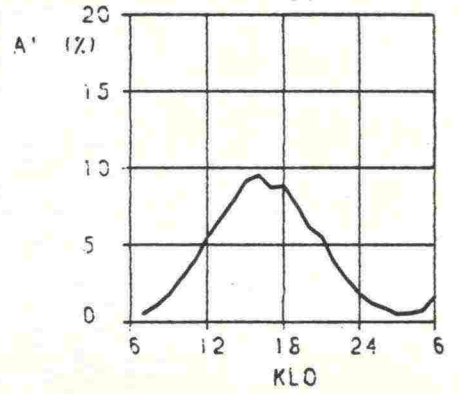
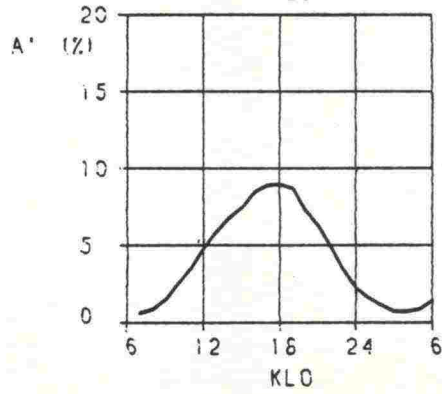
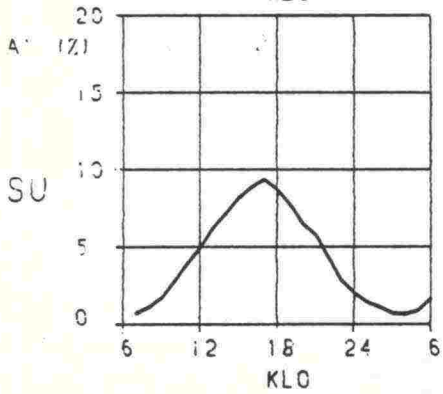
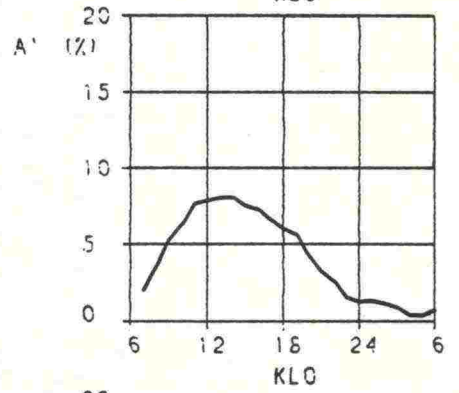
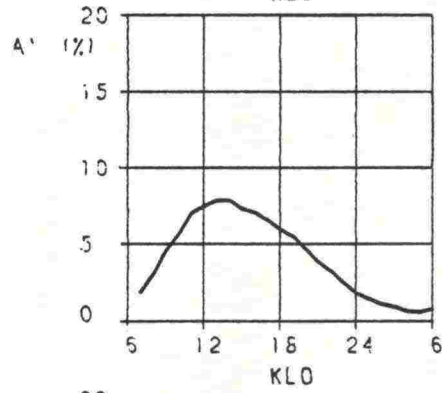
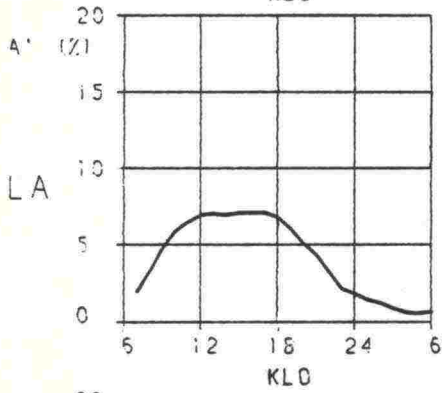
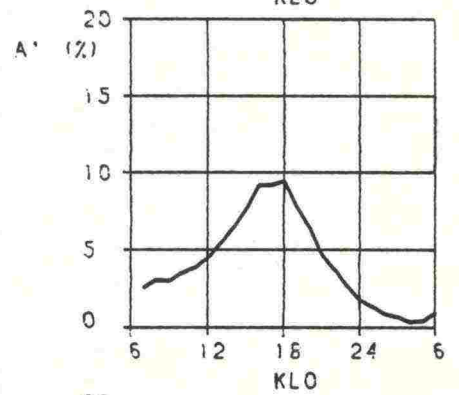
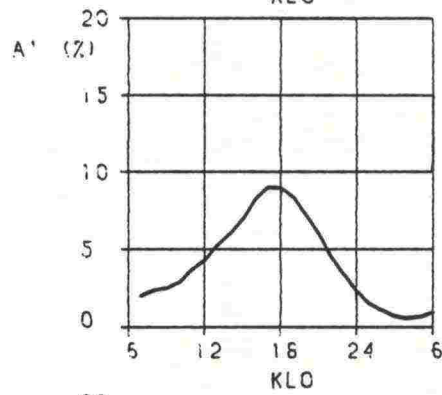
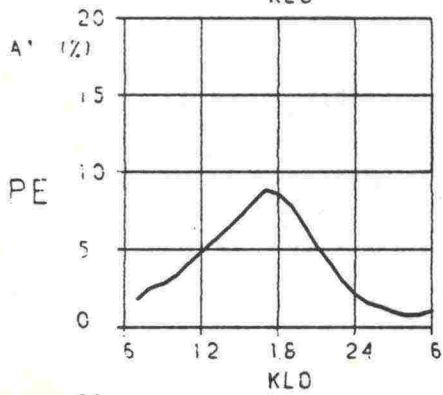
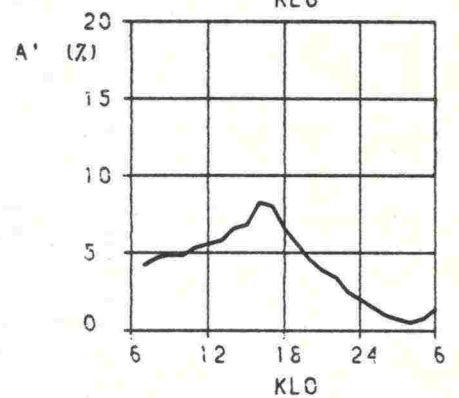
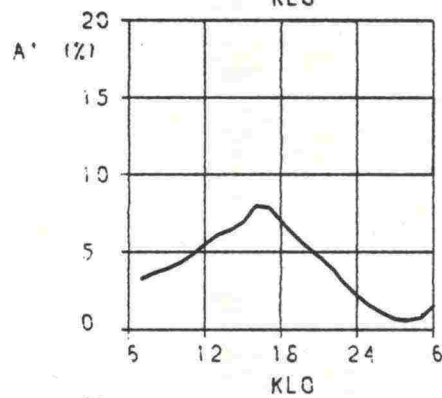
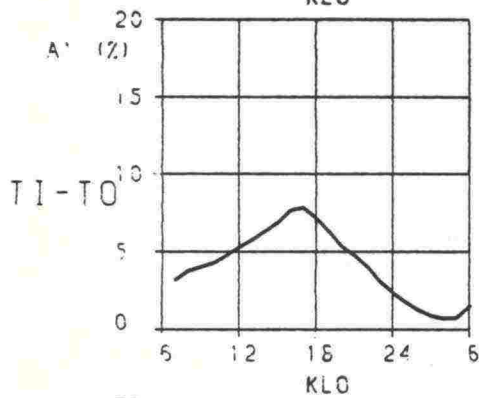
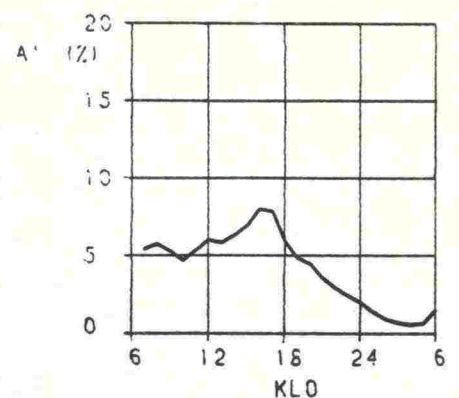
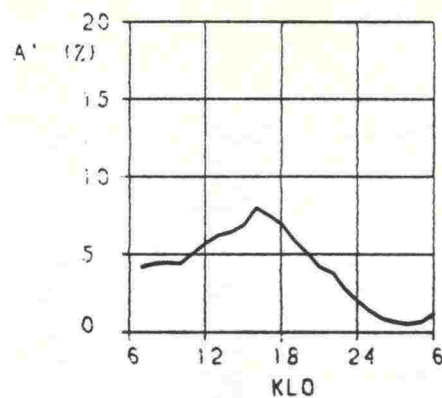
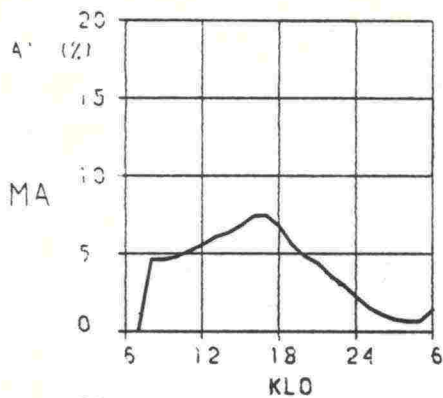
(*) MONTAKO % KO. ENSIMMAISISTA TUNNEISTA OSUUS PE-SU:ALLE



HELMIKUU

HEINAKUU

LOKAKUU



913LIEVESTUORE

1986

VT9

TIEDOSA 307 ETAISYYS 5.4 KM

KVL 3839

B' (SU/KESA) 1.25

KAVL 3455

D' 1.35

KKVL 5205

ARKILIIKENTEN KOOSTUMUS

HA 78 %

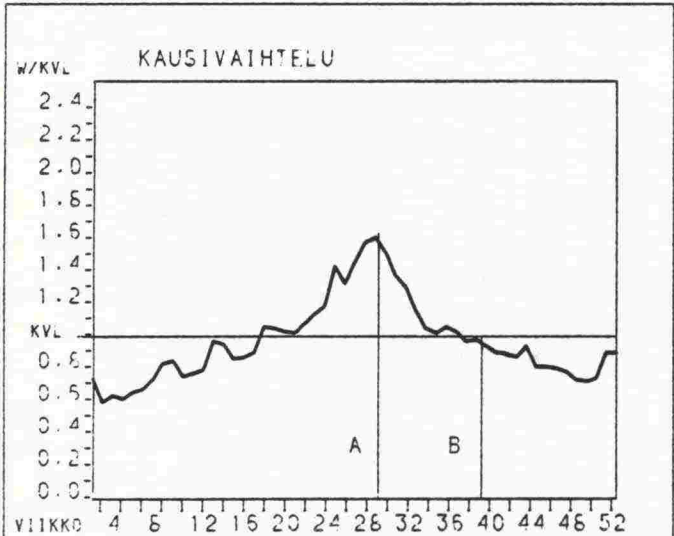
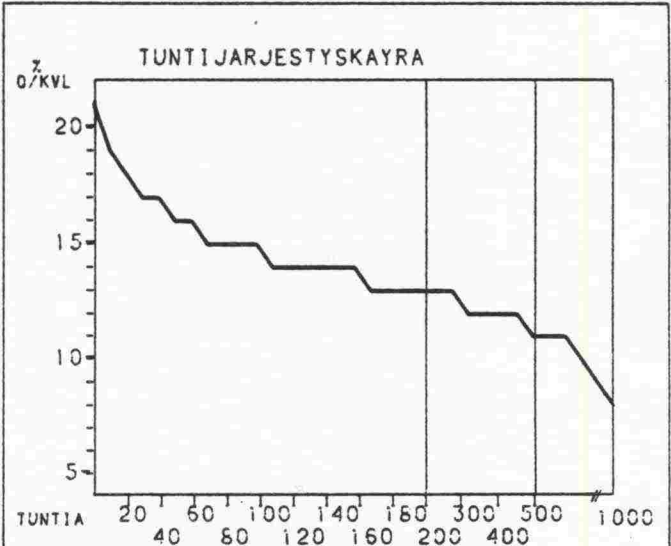
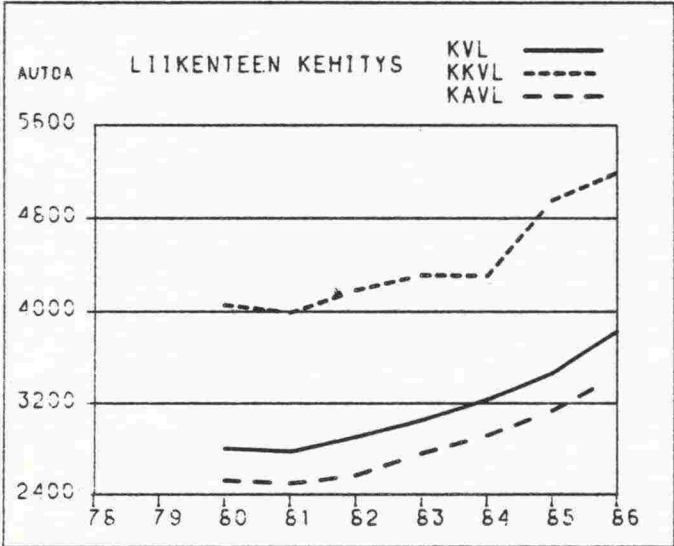
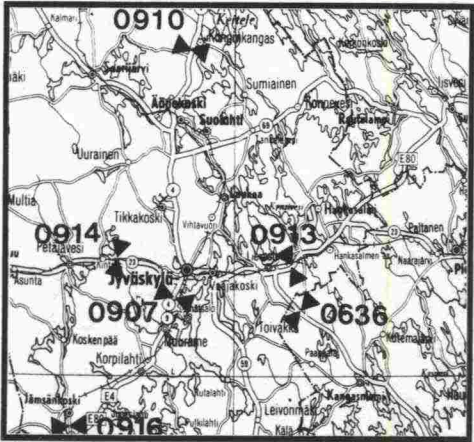
PA 7 %

LA 1 %

KAIP 5 %

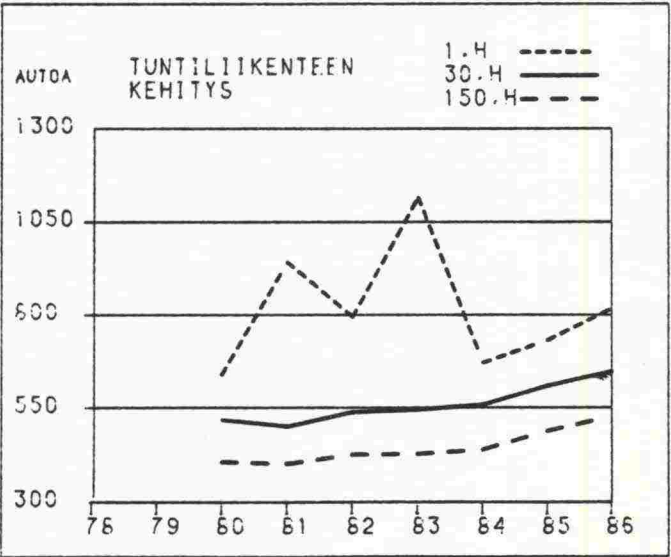
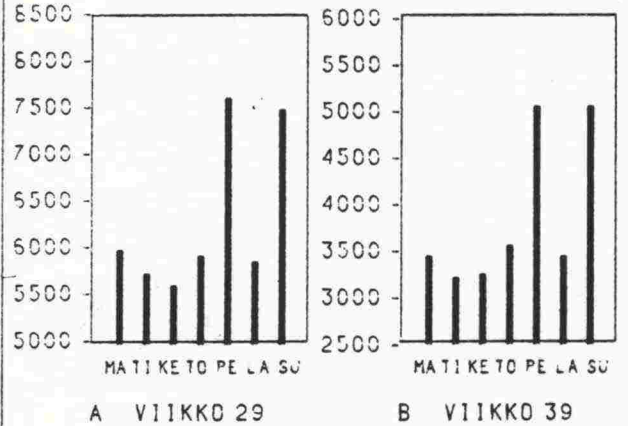
KAPP 1 %

KATP 8 %



H	D	PE-SU (KERTYMA)	HTK
1	622	100	0.1
30	652	75	1.5
100	562	86	4.5
150	532	88	6.5
300	457	85	11.7
1000	305	73	30.0
5000	121	42	86.4

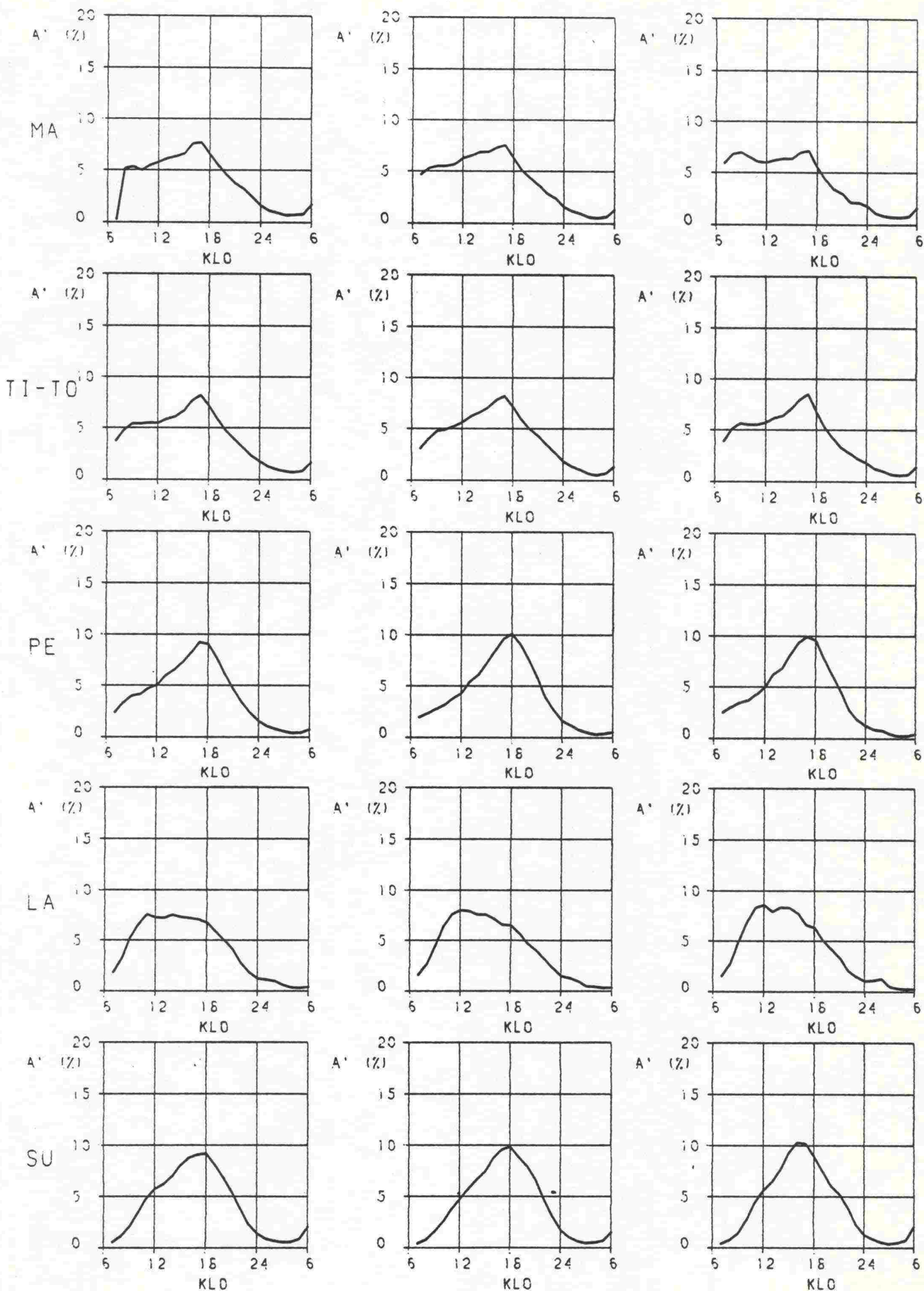
(*) MONTAKO % KO.ENSIMMAISISTA TUNNEISTA OSUUS PE-SU:ILLE



HELMIKUU

HEINAKUU

LOKAKUU



914VESANKA

1986

VT23

TIEOSA 229 ETAISYYS 4.4 KM

KVL 3862

B' (SU/KESA) 1.04

KAVL 3722

KKVL 4784

D' 1.23

ARKILIIKENTEEN KOOSTUMUS

HA 78 %

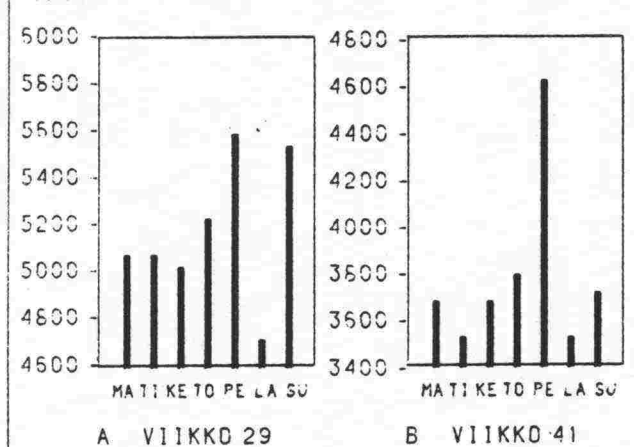
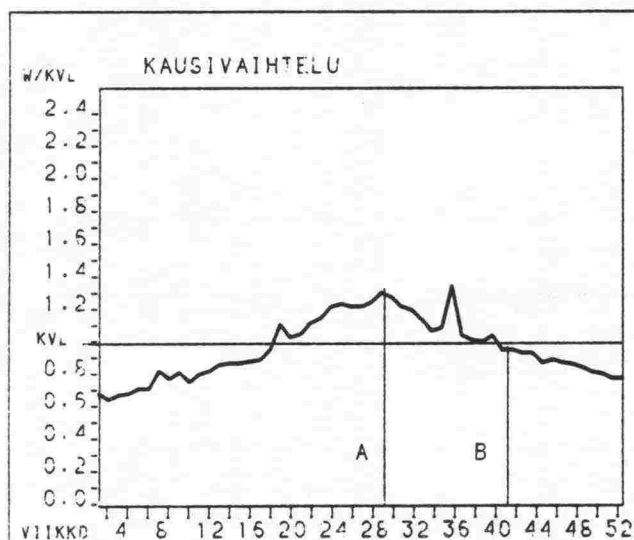
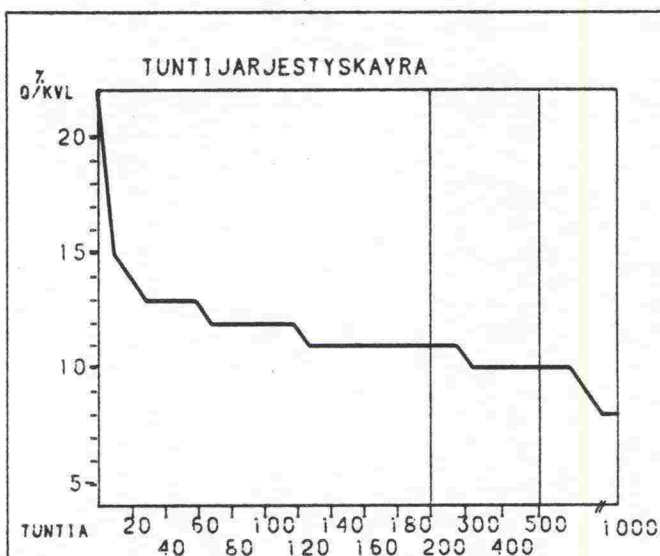
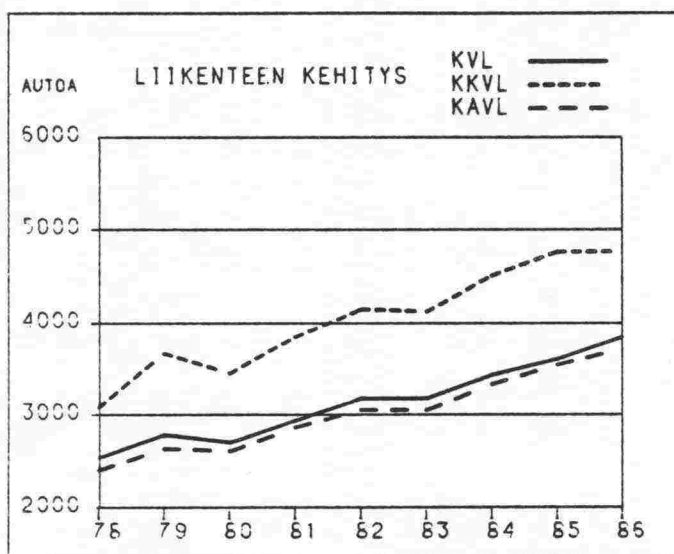
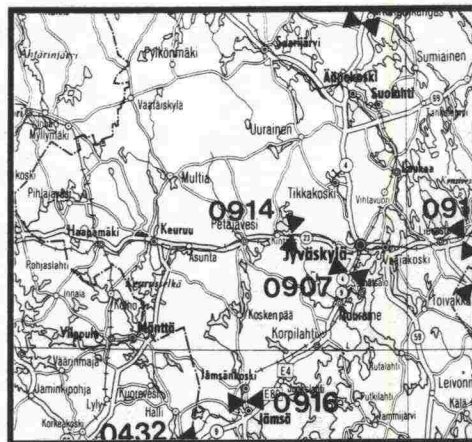
PA 6 %

LA 2 %

KAIP 9 %

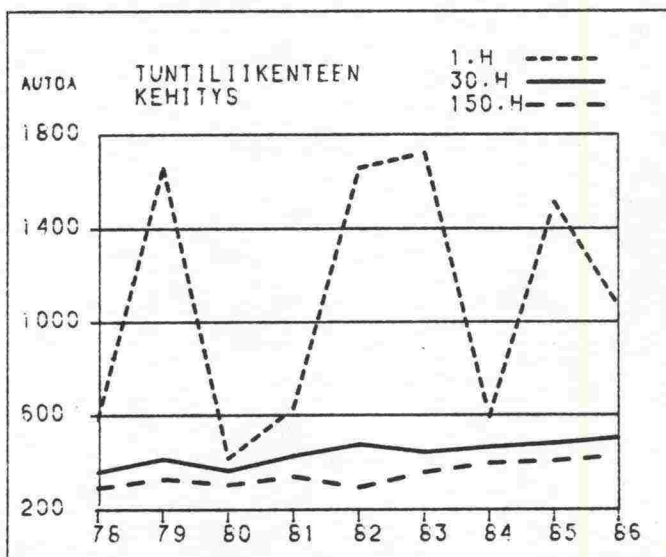
KAPP

KATP 5 %



H	0	PE-SU (•) KERTYMA	HTK
1	1073	100	0.1
30	514	96	1.3
100	459	89	3.7
150	435	87	5.3
300	396	74	9.7
1000	311	58	26.9
5000	127	41	88.5

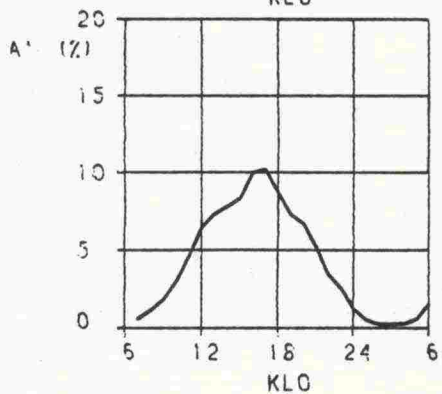
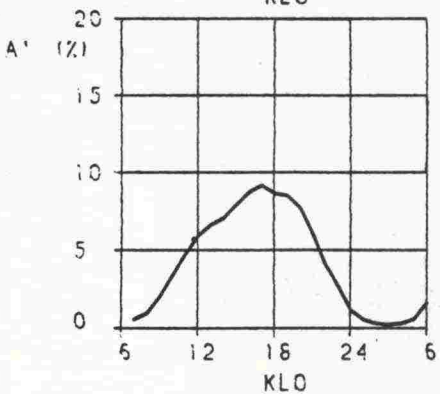
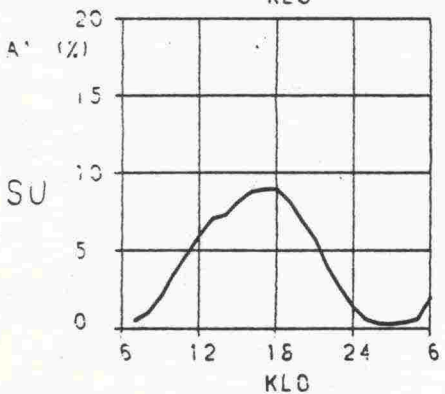
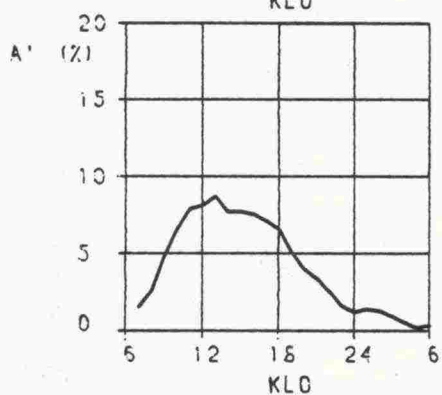
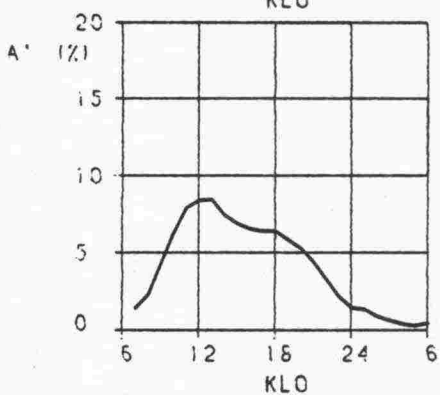
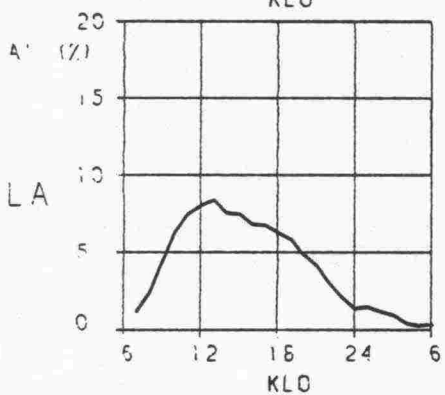
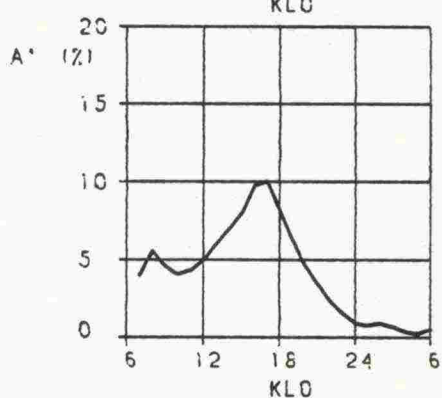
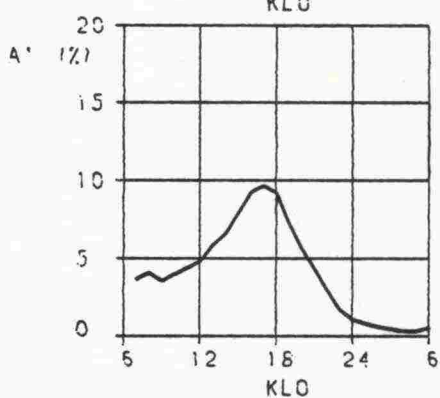
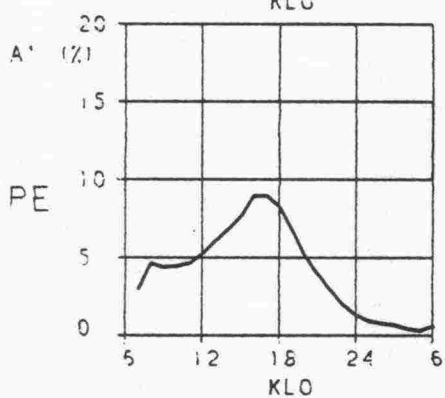
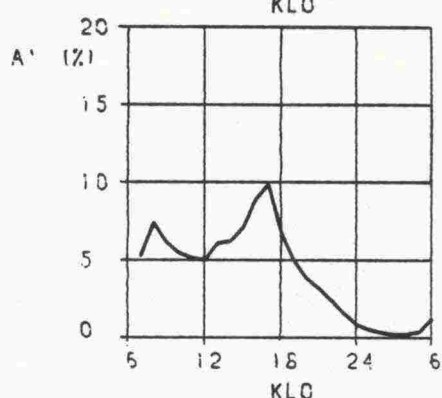
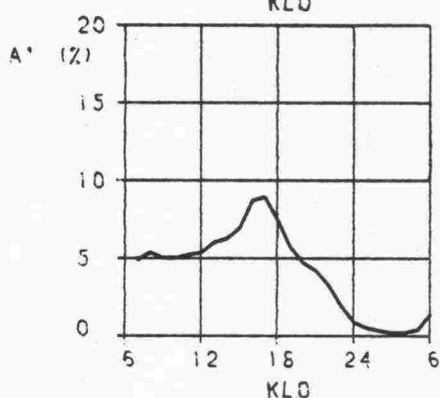
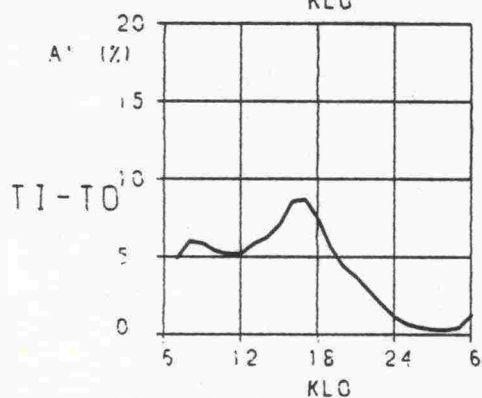
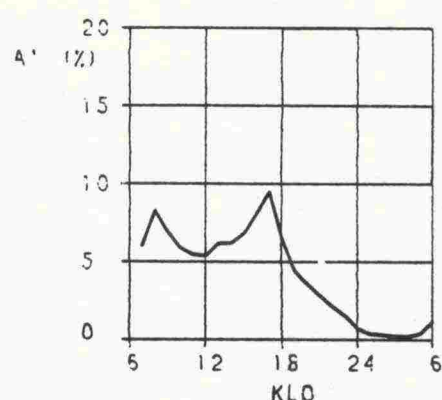
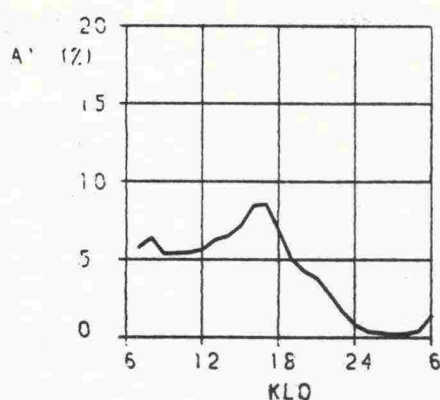
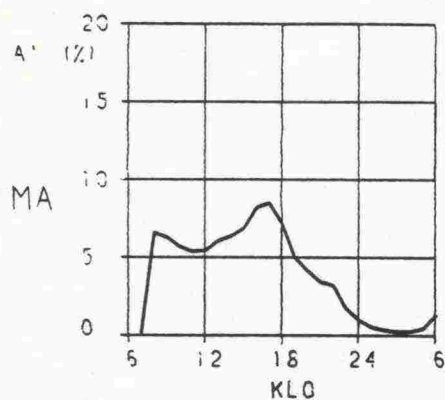
(•) MONTAKO % KO. ENSIMMAISISTA TUNNEISTA OSU PE-SU:ILLE



HELMIKUU

HEINAKUU

LOKAKUU



916 JÄMSÄNKOSKI

1986

MT604 TIEOSA 2 ETAISYYS 3.2 KM

KVL 5718

B' (SU/KESA) 0.76

KAVL 5638

KKVL 5850

D' 1.02

ARKILIIKENTEEEN KOOSTUMUS

HA 85 %

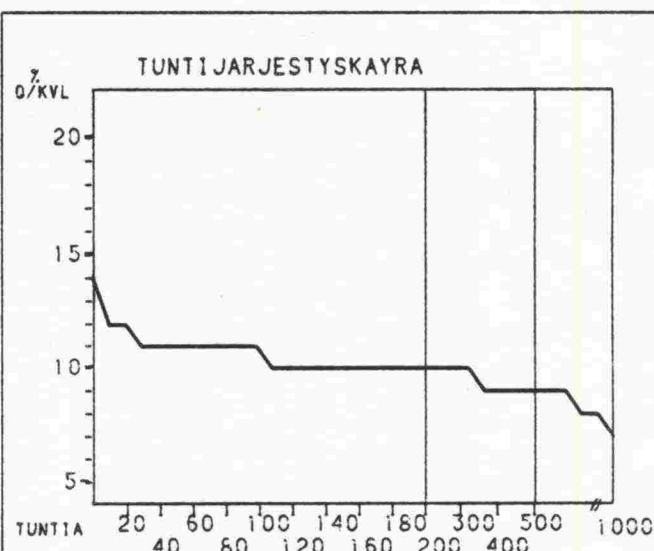
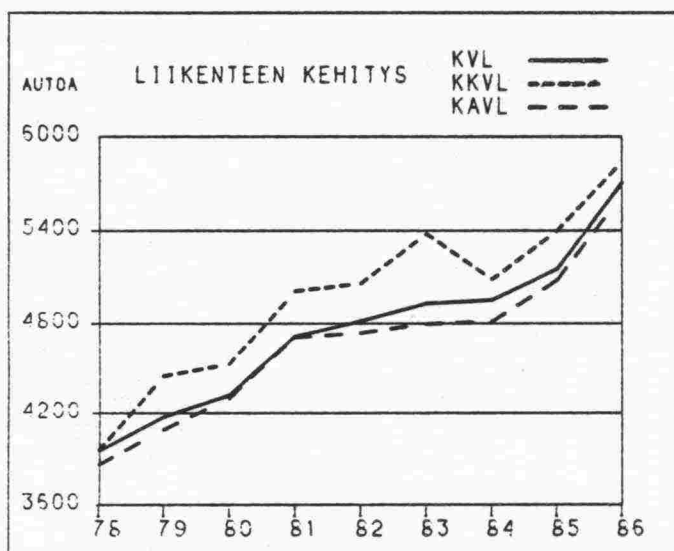
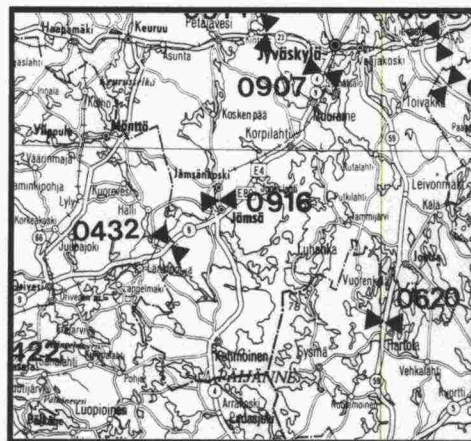
PA 7 %

LA 2 %

KAIP 4 %

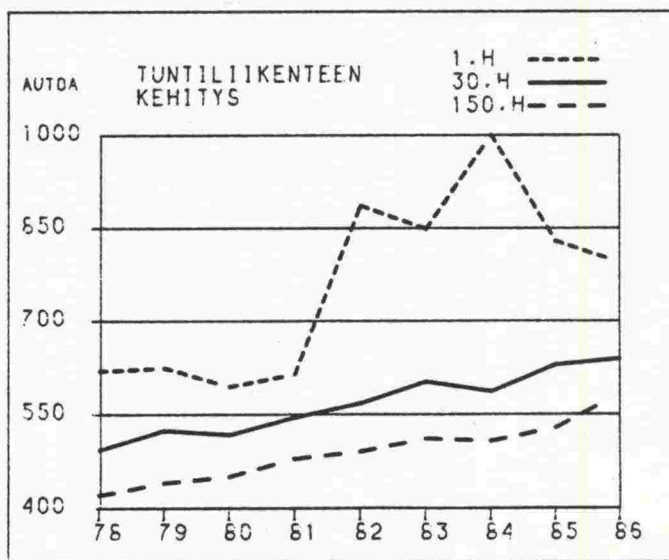
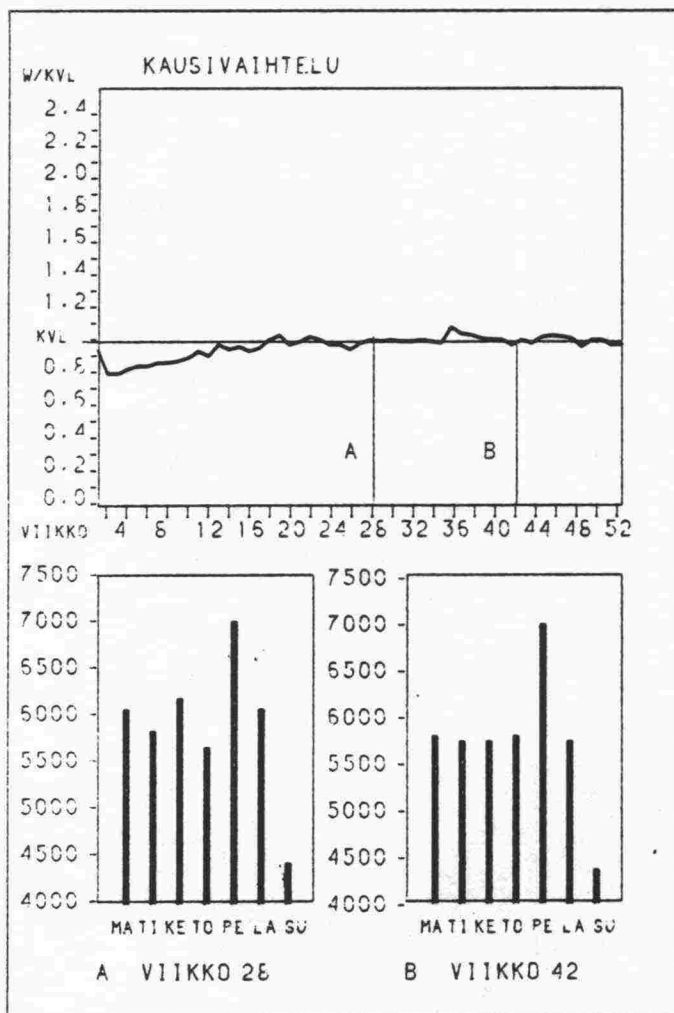
KAPP

KATP 2 %



H	Q	PE-SU (*)	KERTYMA	HTK
1	797	100	0.0	0.94
30	642	70	1.0	0.91
100	601	56	3.1	0.77
150	585	56	4.5	-
300	537	54	6.5	0.78
1000	427	51	24.4	-
5000	219	41	65.4	0.94

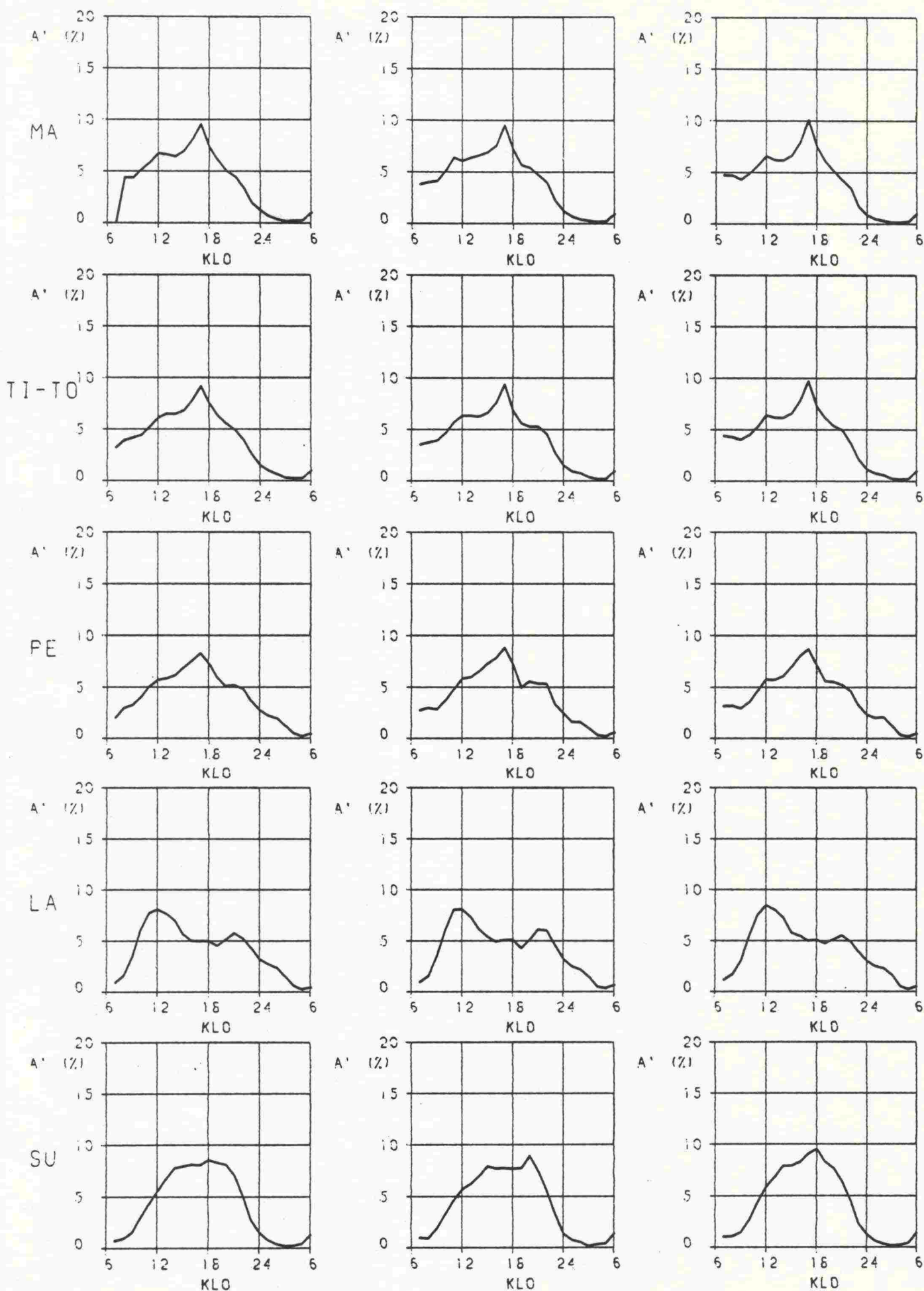
(*) MONTAKO % KO-ENSIMMAISISTA TUNNEISTA OSUUS PE-SU:ALLE



HELMIKUU

HEINAKUU

LOKAKUU

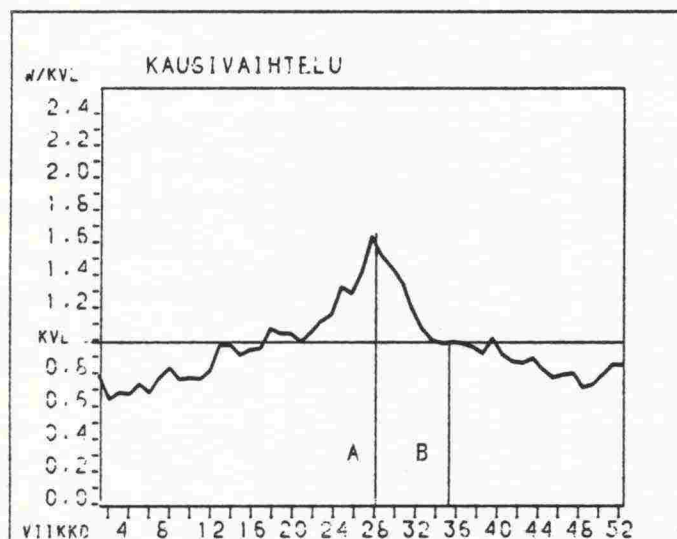
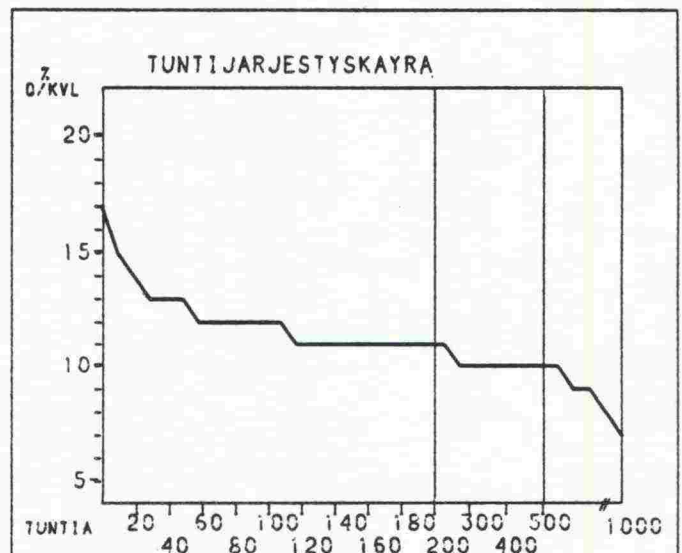
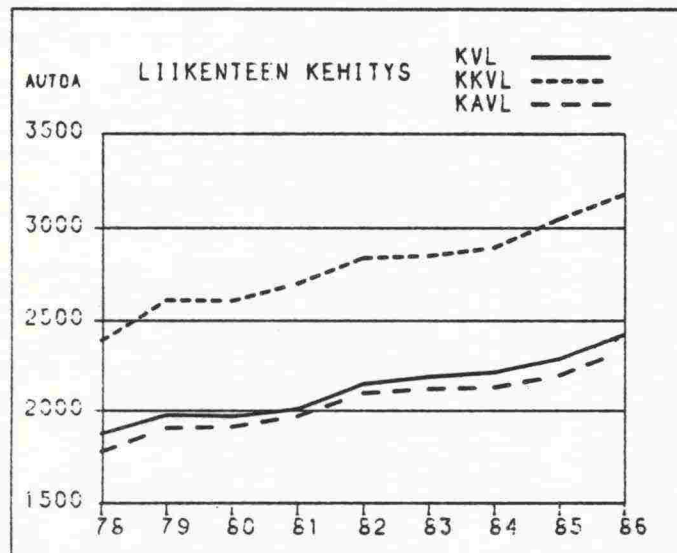
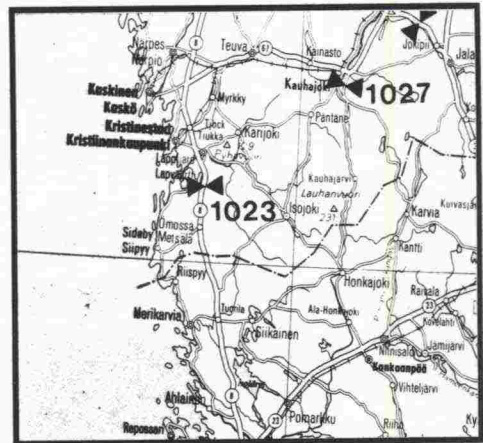


1023 LAPVARTTI / TRASVIK 86
VT8 TIEDOSA 216 ETAISYYS 4.0 KM

KVL 2430 B' (SU/KESA) 1.10
KAVL 2335
KKVL 3186 D' 1.31

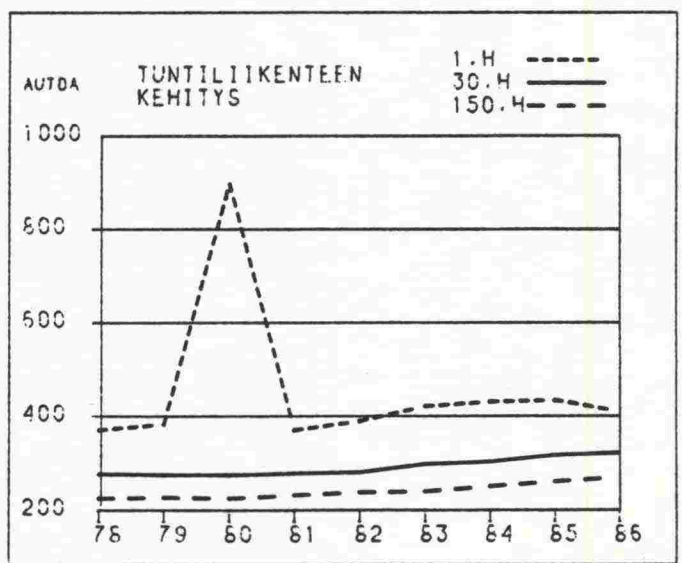
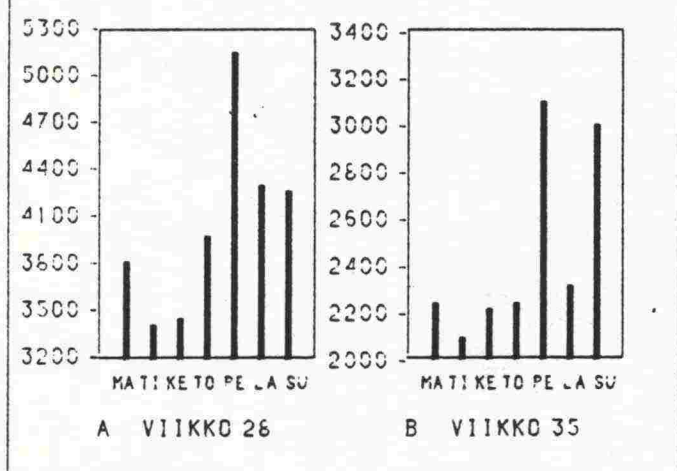
ARKILIIKENTEEN KOOSTUMUS

HA 69% PA 7 %
LA 2 % KAIP 6 %
KAPP 2 % KATP 14 %



H	Q	PE-SU (•)	KERTYMA	HTK
1	412	100	0.1	-
30	325	90	1.2	0.82
100	284	78	3.6	0.86
150	272	75	5.1	0.82
300	242	70	9.5	0.64
1000	182	62	25.9	0.87
5000	85	41	63.5	0.59

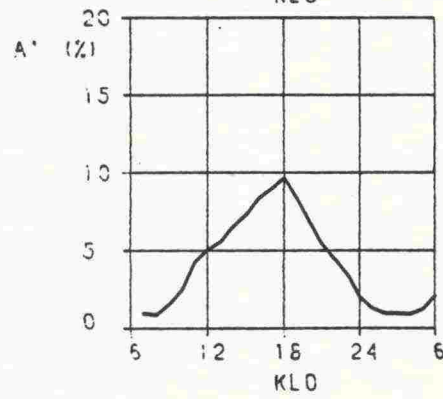
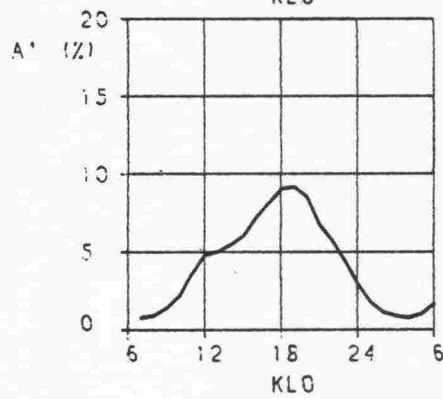
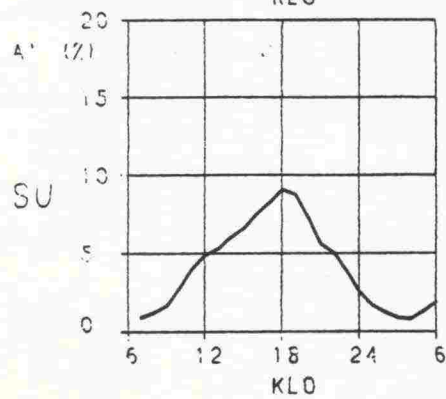
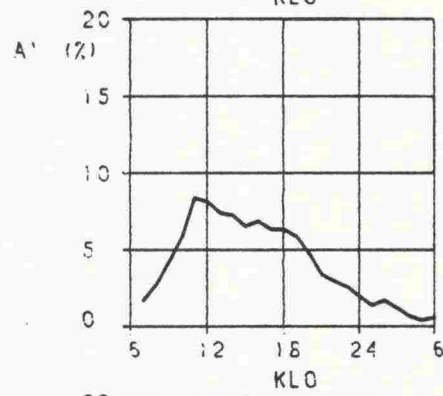
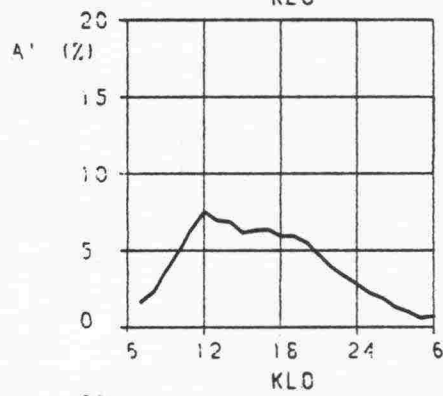
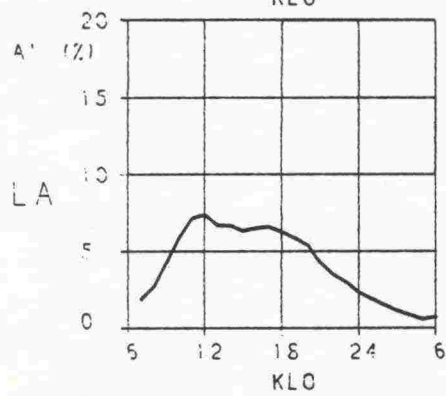
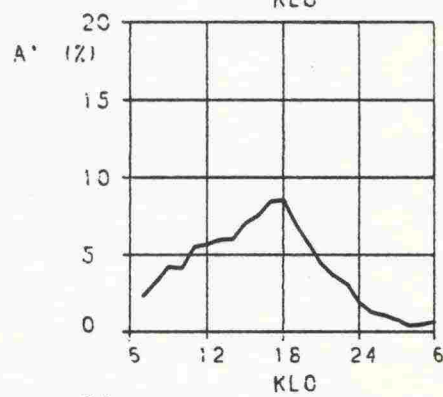
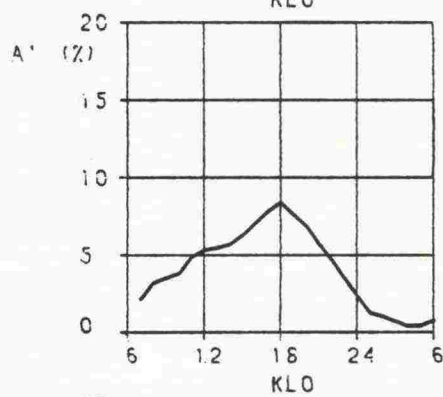
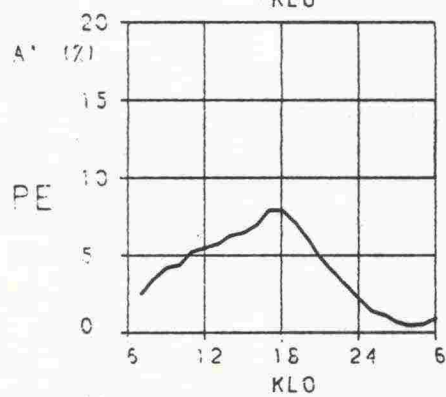
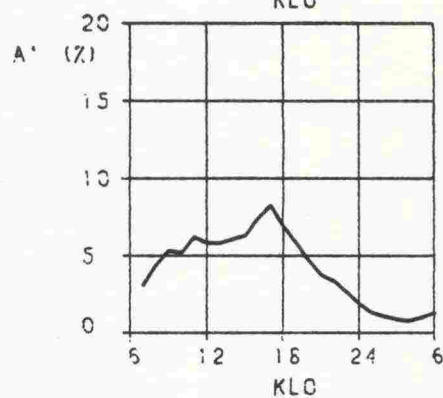
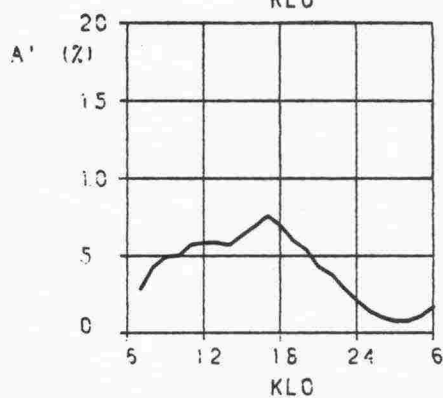
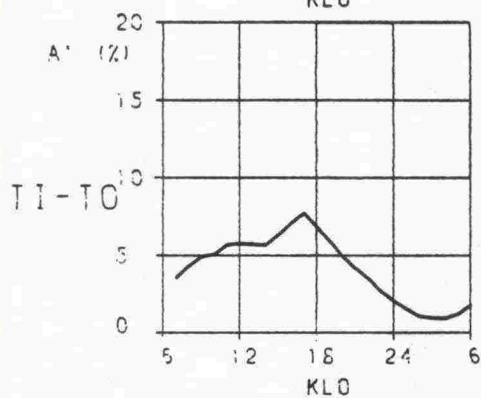
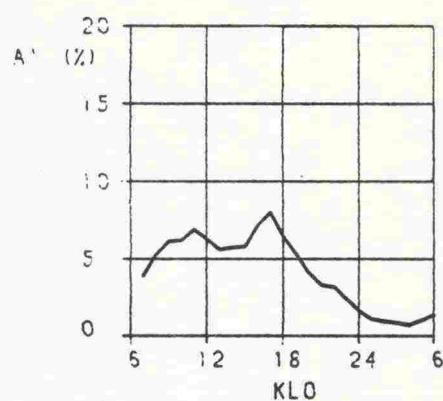
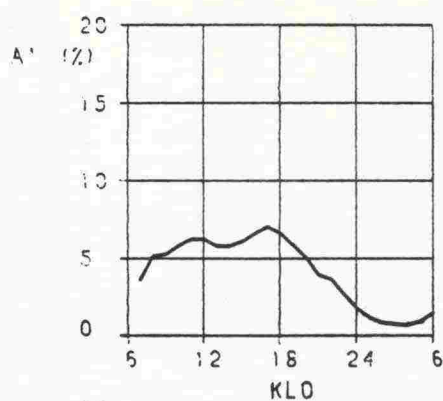
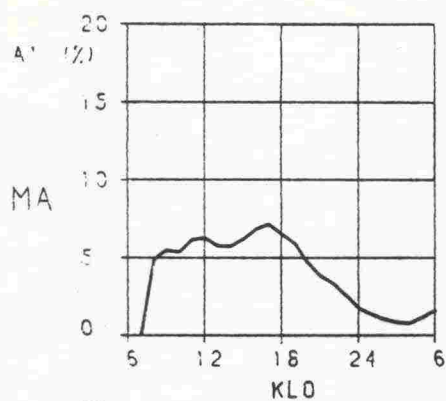
(•) MONTAKO % KO.ENSIMMAISISTA TUNNEISTA OSUU PE-SU:ILLE



HELMIKUU

HEINAKUU

LOKAKUU



1025KURIKKA/LUOPA 1986 VT3 TIEOSA 232 ETAISYYS 0.5 KM

KVL 2409
KAVL 2268
KKVL 2916

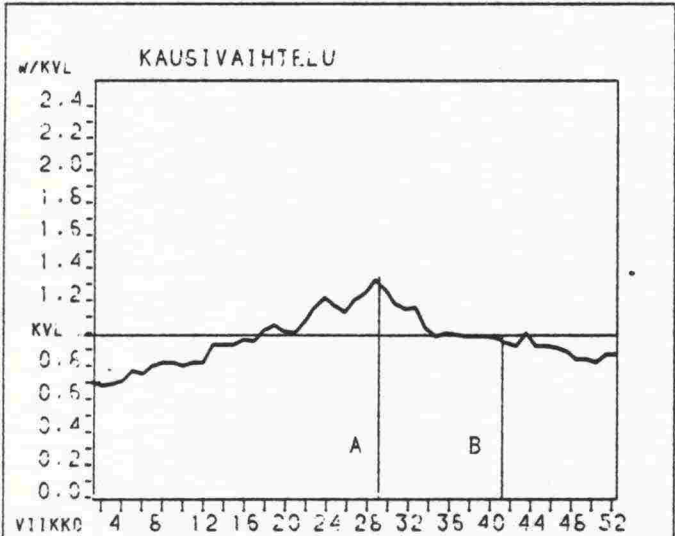
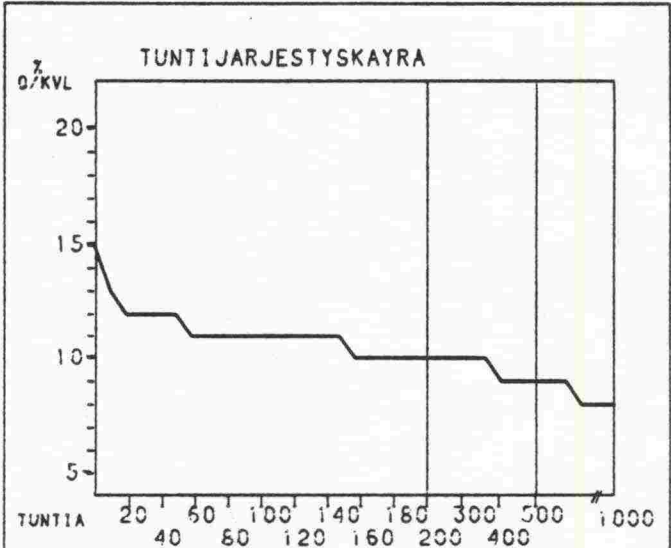
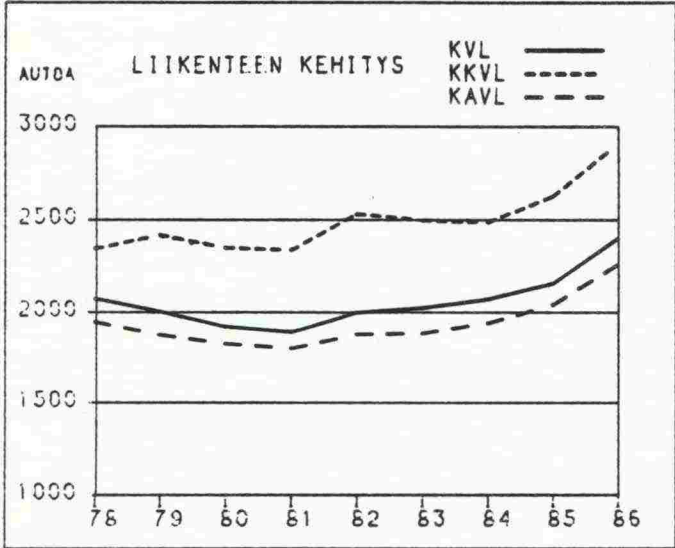
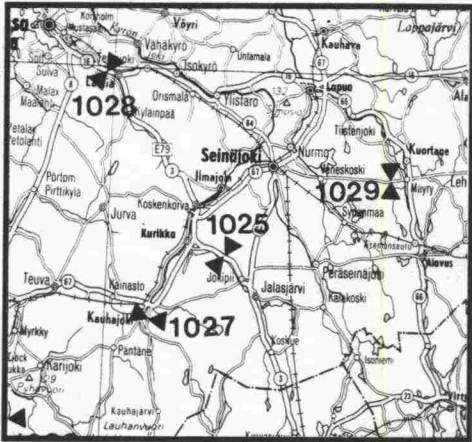
B' (SU/KESA) 1.12

D' 1.21

ARKILIIKENTEEN KOOSTUMUS

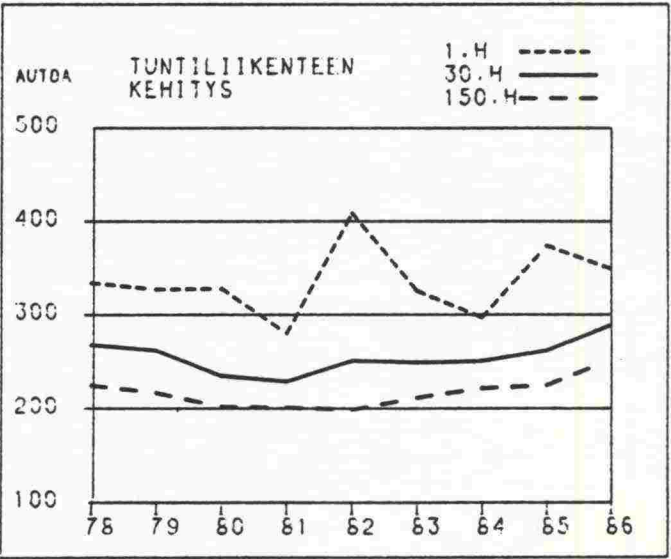
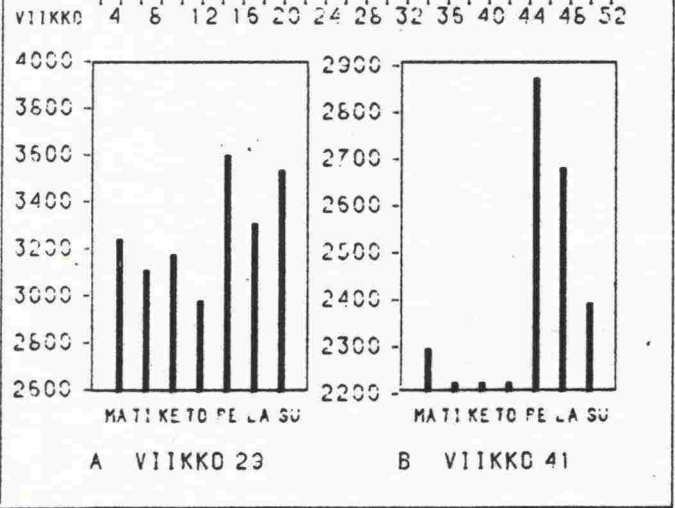
HA 80 %
LA 2 %
KAPP 1 %

PA 7 %
KAIP 5 %
KATP 5 %



H	Q	PE-SU (%)	KERTYMA	HTK
1	350	100	0.0	0.78
30	290	100	1.1	0.55
100	263	95	3.2	0.92
150	253	93	4.7	0.67
300	228	86	6.8	0.63
1000	183	64	24.6	0.93
5000	92	42	64.6	0.68

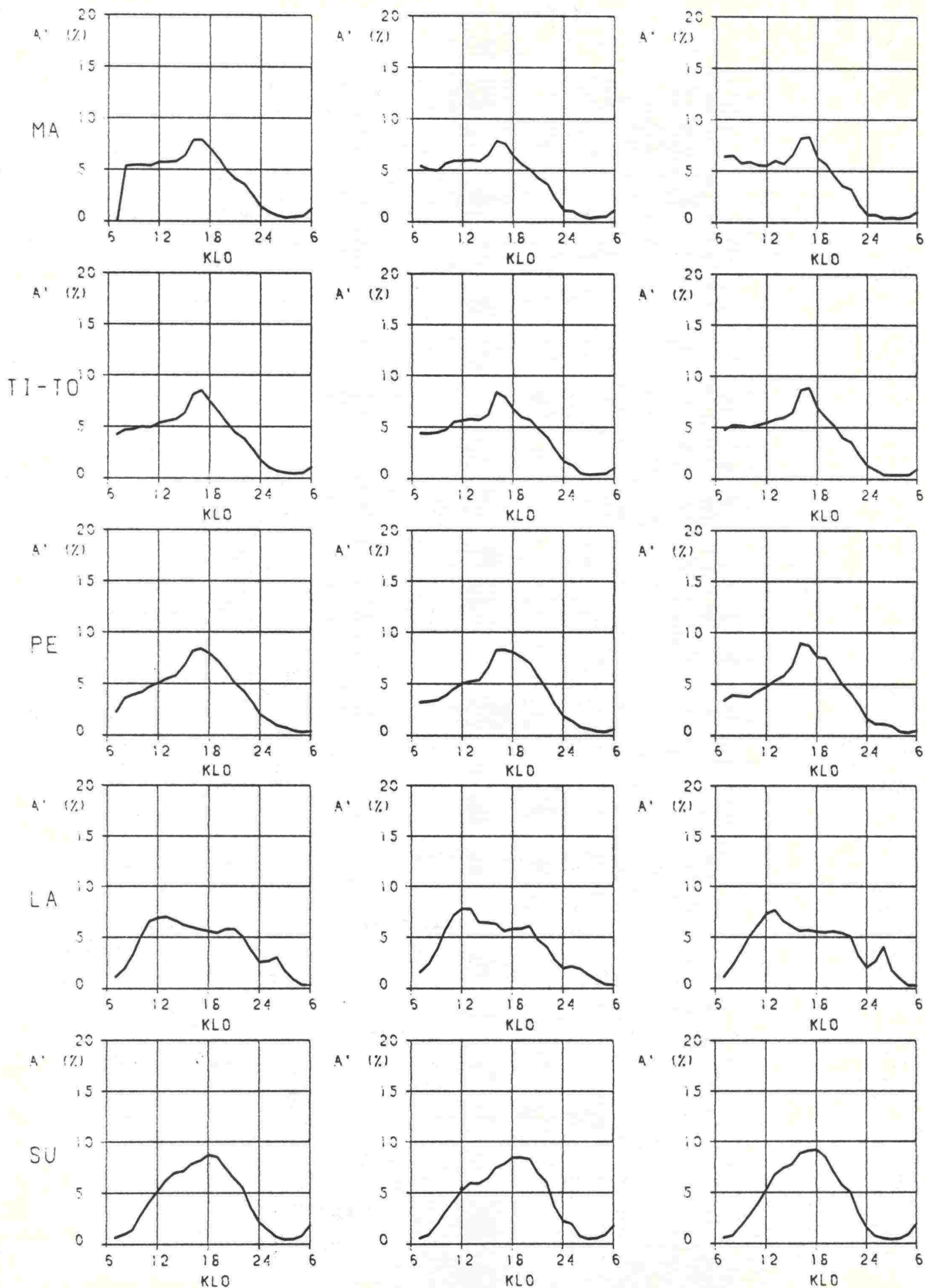
(*) MONTAKO % KO ENSIMMAISISTA TUNNEISTA OSUU PE-SU:LLE



HELMIKUU

HEINAKUU

LOKAKUU



1027KAUHAJOKI

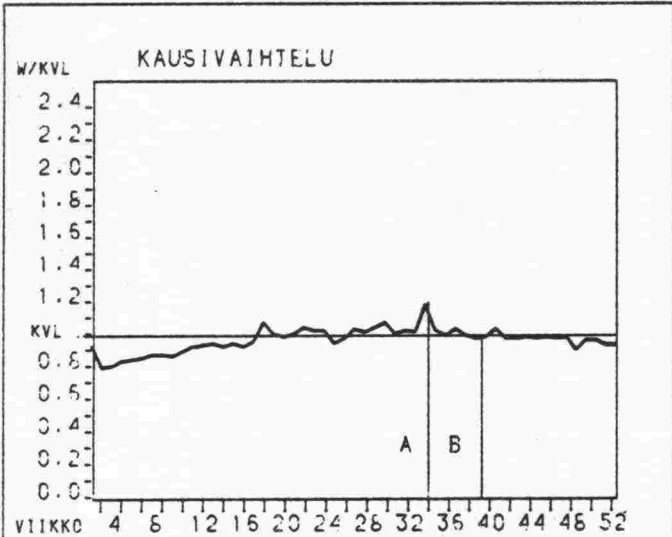
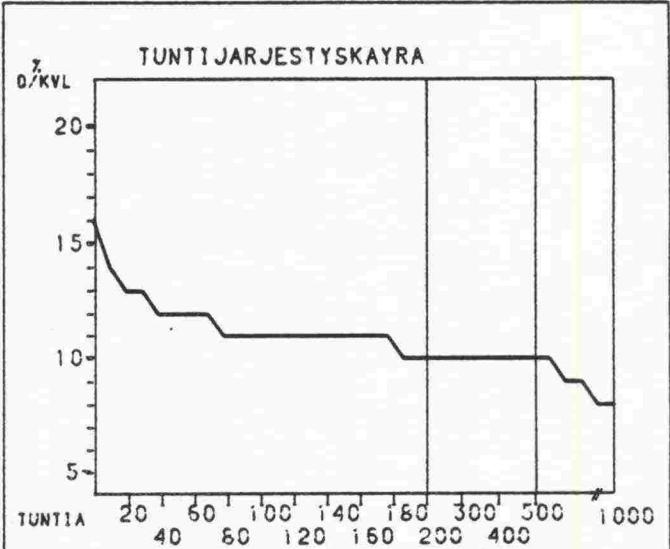
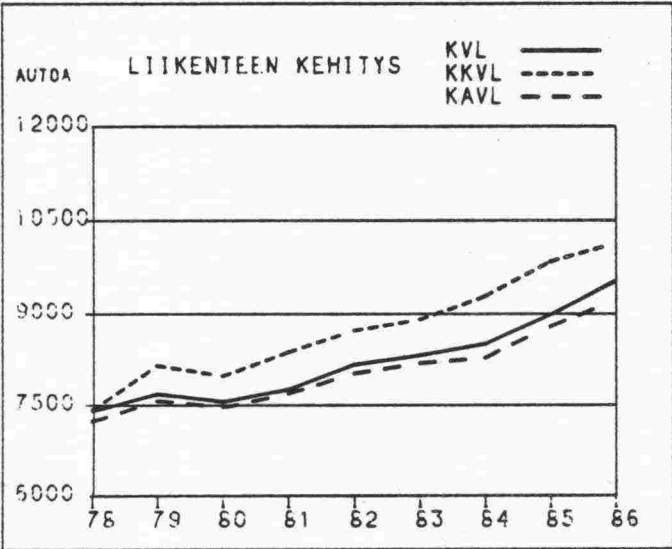
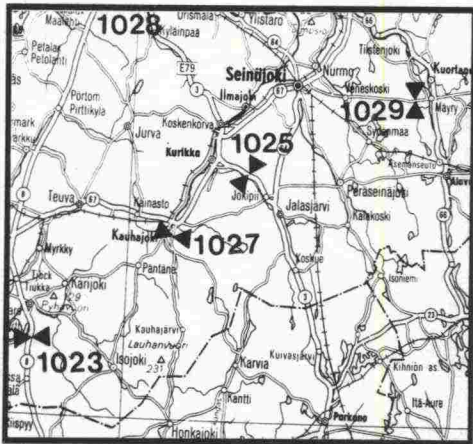
1986

MT663 TIEOSA 12 ETAISYYS 0.7 KM

KVL 9554 B' (SU/KESA) 0.73
KAVL 9250
KKVL 10156 D' 1.06

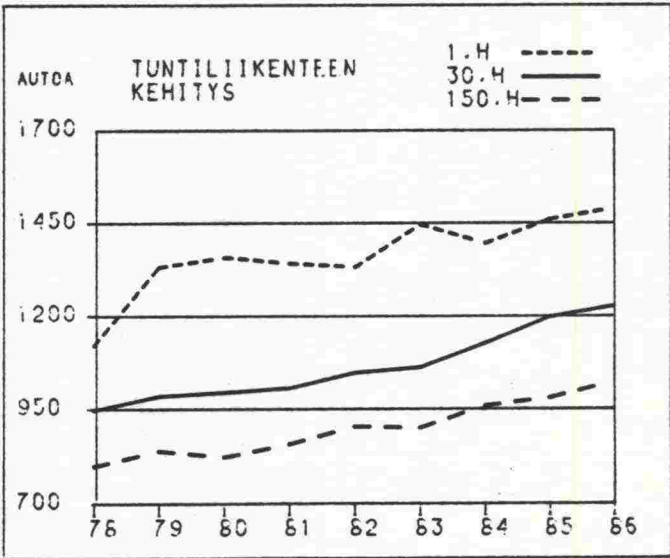
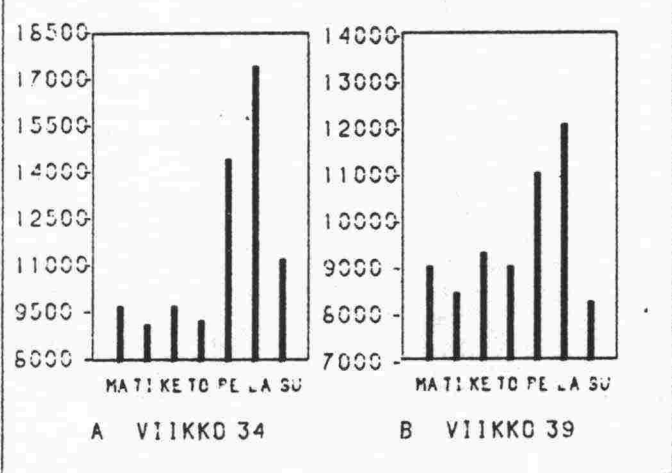
ARKILIIKENTEEN KOOSTUMUS

HA 87 % PA 8 %
LA 1 % KAIP 3 %
KAPP KATP 1 %



H	Q	PE-SU (•) KERTYMA	HTK
1	1493	100	0.0
30	1230	86	1.1
100	1068	83	3.4
150	1026	84	4.9
300	932	77	9.1
1000	758	57	25.9
5000	353	42	87.8

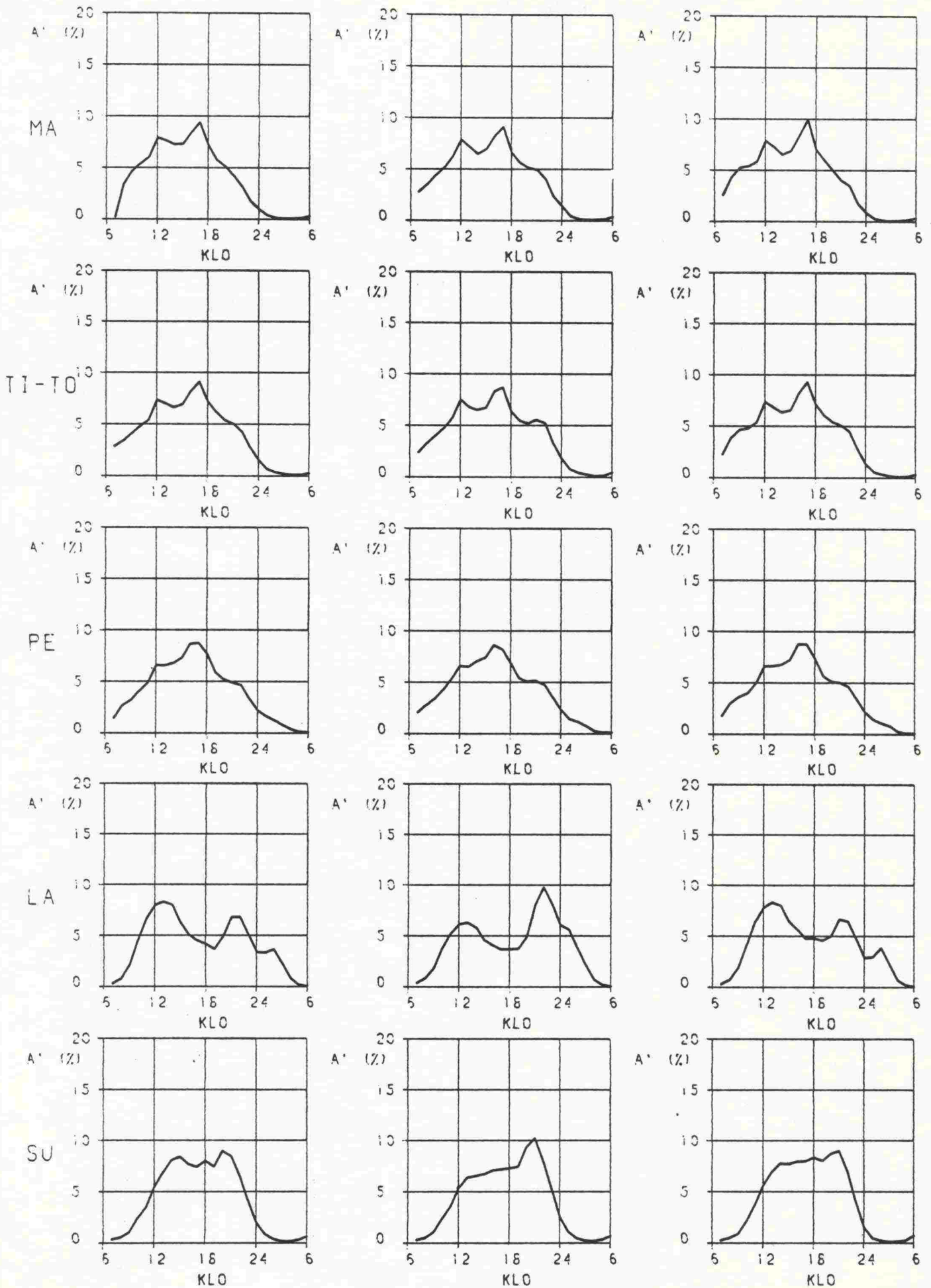
(•) MONTAKO % KO-ENSIMMAISISTA TUNNEISTA OSUU PE-SU:ALLE.



HELMIKUU

HEINAKUU

LOKAKUU

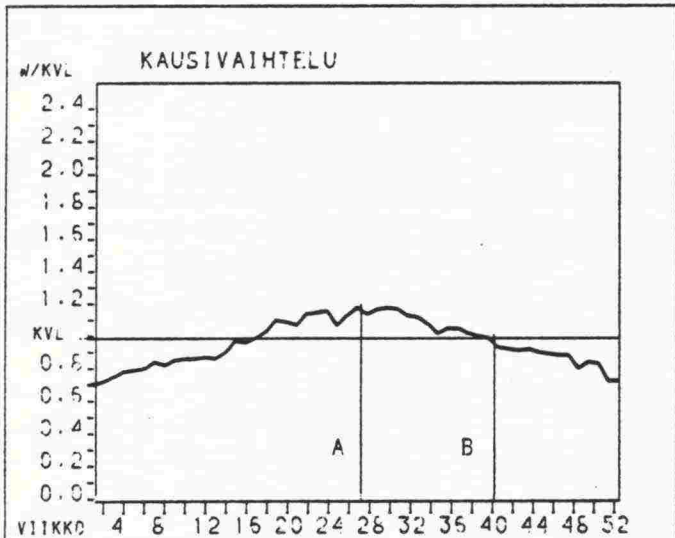
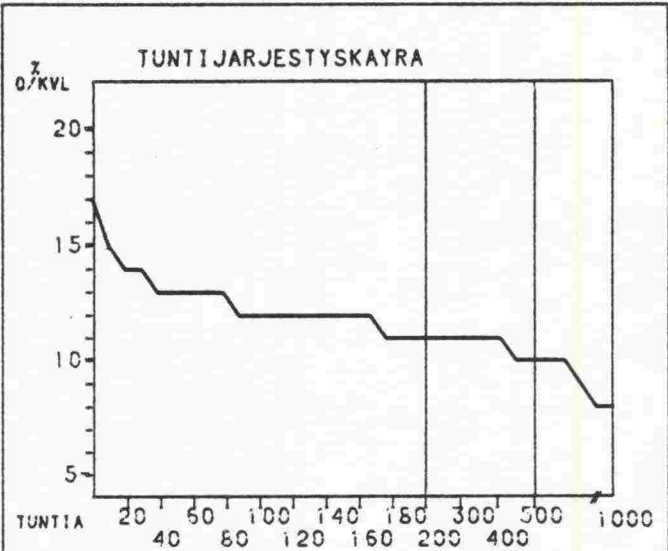
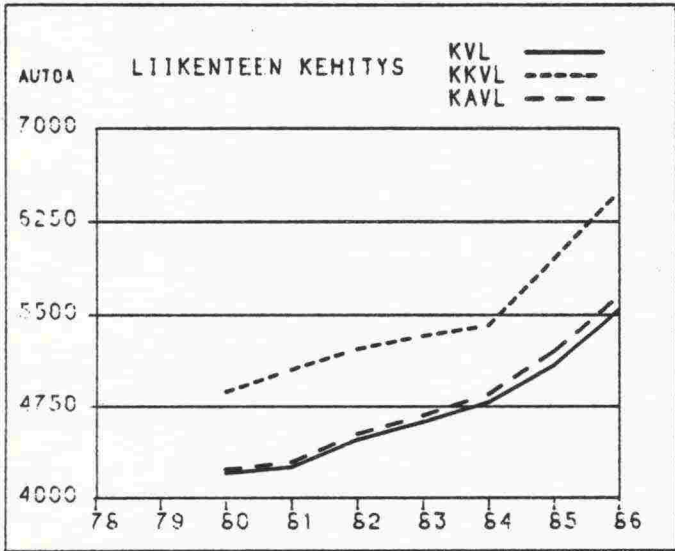
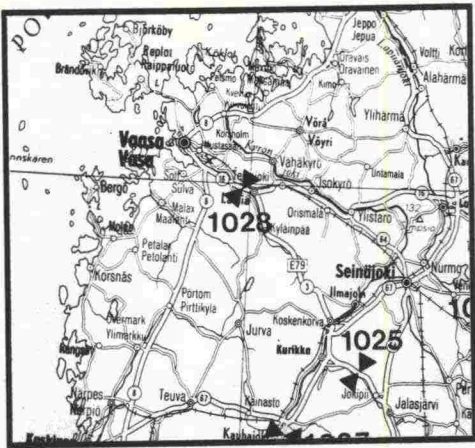


1028MUSTASAARI 1986
VT3 TIEOSA 248 ETAISYYS 0.0 KM

KVL 5552 B' (SU/KESA) 0.89
KAVL 5664
KKVL 6499 D' 1.17

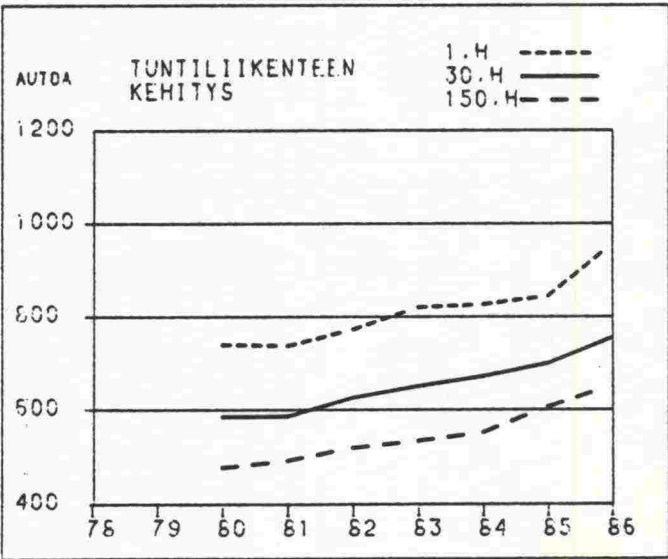
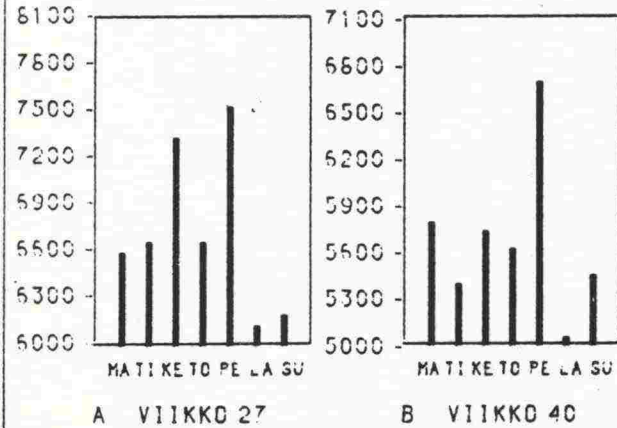
ARKILIIKENTEEN KOOSTUMUS

HA 82 % PA 6 %
LA 1 % KAIP 5 %
KAPP 1 % KATP 5 %



H	Q	PE-SU (KERTYMA)	HTK	
1	956	100	0.1	-
30	758	70	1.2	0.66
100	669	42	3.7	0.91
150	655	40	5.4	0.90
300	584	34	9.9	0.82
1000	440	37	27.1	0.94
5000	169	40	87.5	0.76

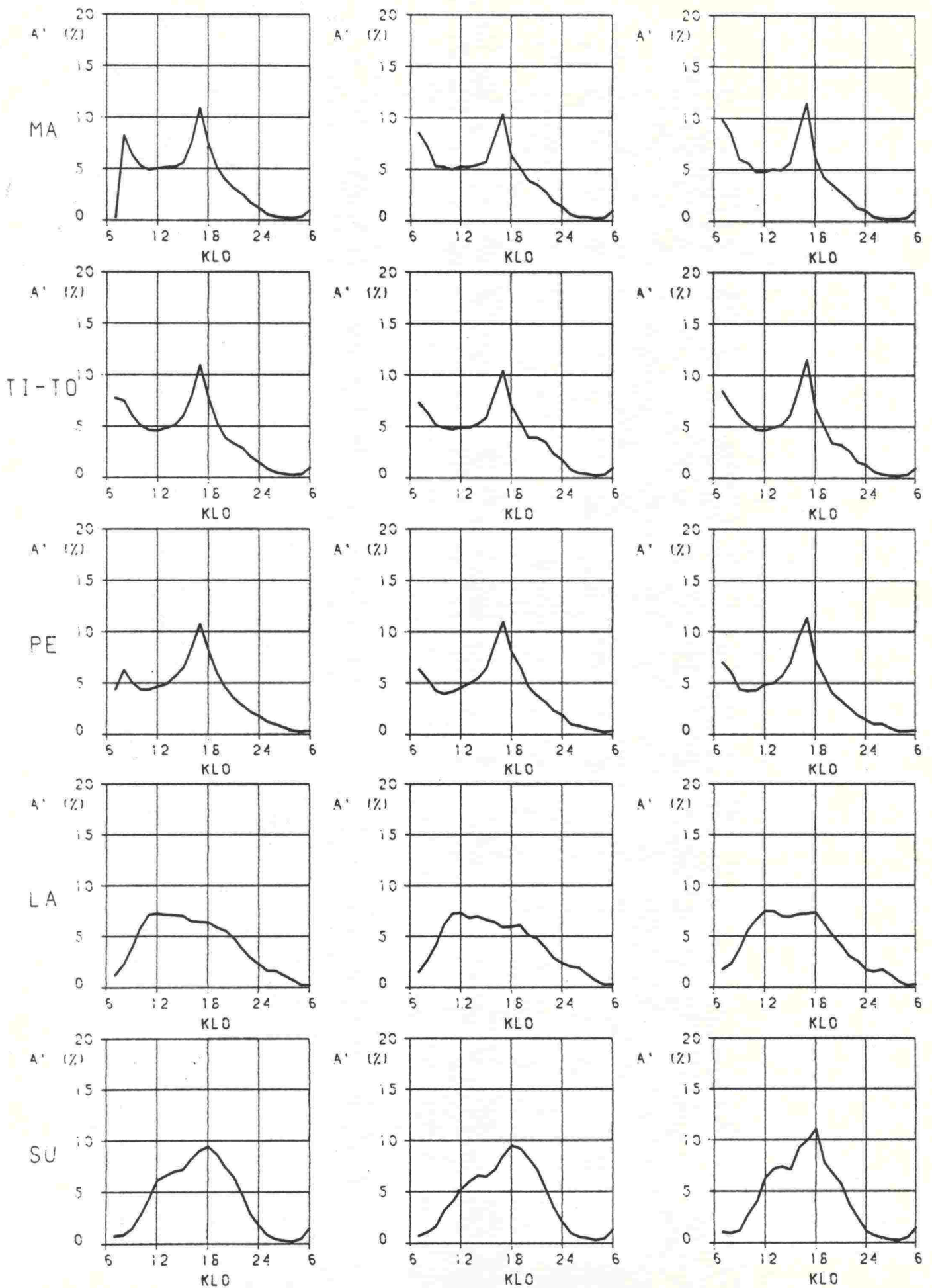
(*) MONTAKO % KO.ENSIMMAISISTA TUNNEISTA OSUU PE-SU:ILLE



HELMIKUU

HEINAKUU

LOKAKUU

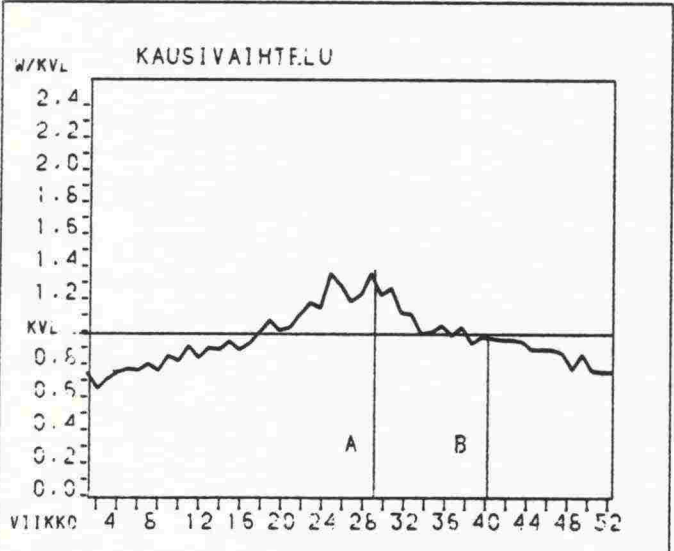
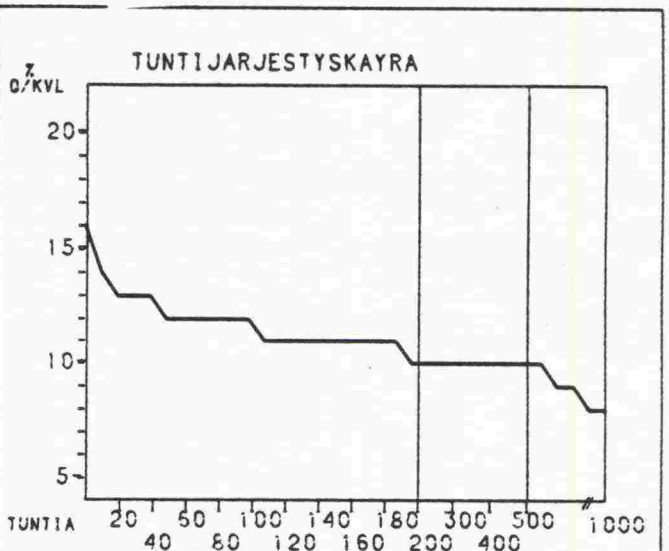
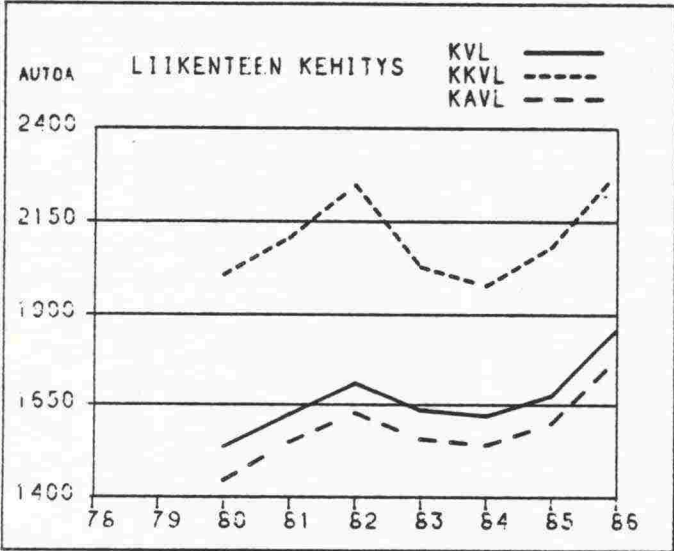
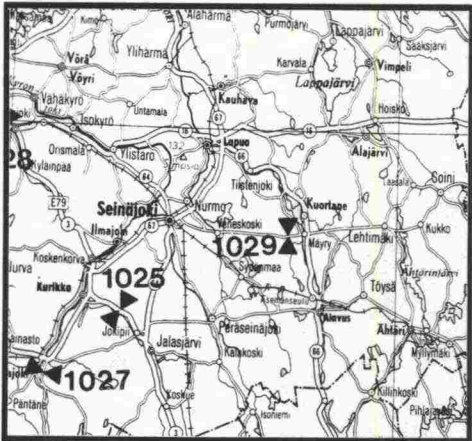


1029KUORTANE/MÄYRY 1986
 MT697 TIEOSA 7 ETAISYYS 0.0KM

KVL 1860 B' (SU/KESA) 1.07
 KAVL 1778
 KKVL 2287 D' 1.22

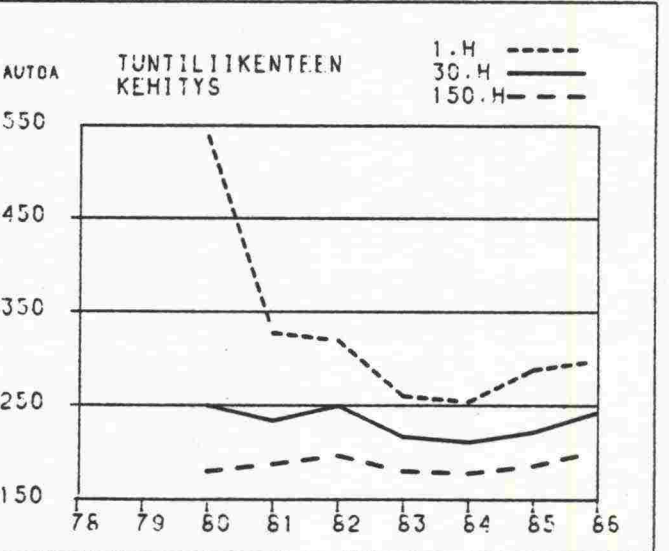
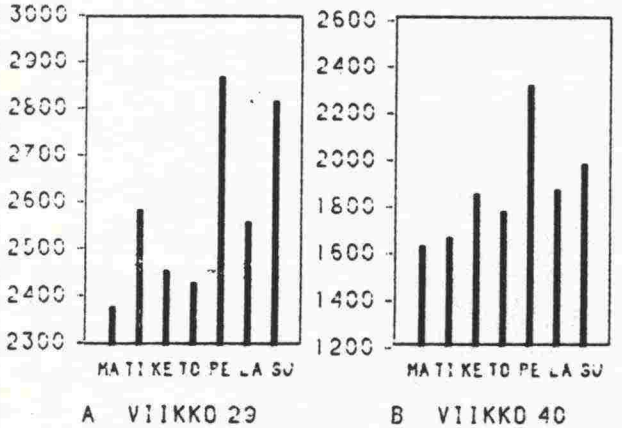
ARKILIIKENTEEEN KOOSTUMUS

HA 74 % PA 7 %
 LA 1 % KAIP 6 %
 KAPP 1 % KATP 11 %



H	Q	PE-SU (*)	KERTYMA	HTK
1	299	100	0.0	0.63
30	244	100	1.2	0.92
100	214	92	3.5	0.86
150	203	90	5.0	0.92
300	184	81	9.2	0.90
1000	147	61	25.9	0.77
5000	63	41	66.3	0.75

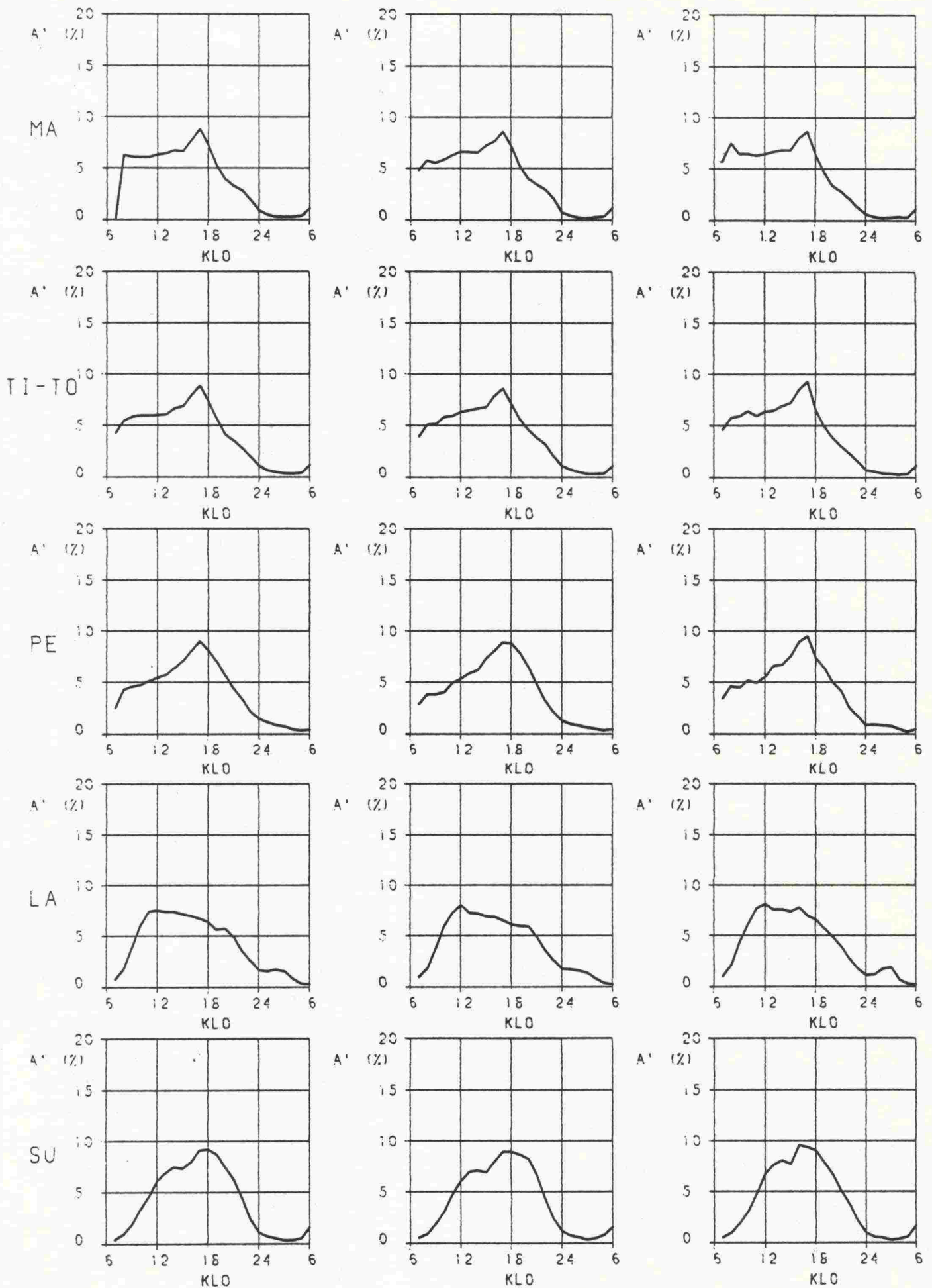
(*) MONTAKO % KO.ENSIMMAISISTA TUNNEISTA OSUUS PE-SU:ILLE



HELMIKUU

HEINAKUU

LOKAKUU



1110PYHÄJOKI

1985

VT8

TIEDOSA 422 ETAISYYS 1.2 KM

KVL 2344

B' (SU/KESA) 1.15

KAVL 2160

KKVL 3336

D' 1.42

ARKILIIKENTEN KOOSTUMUS

HA 77 %

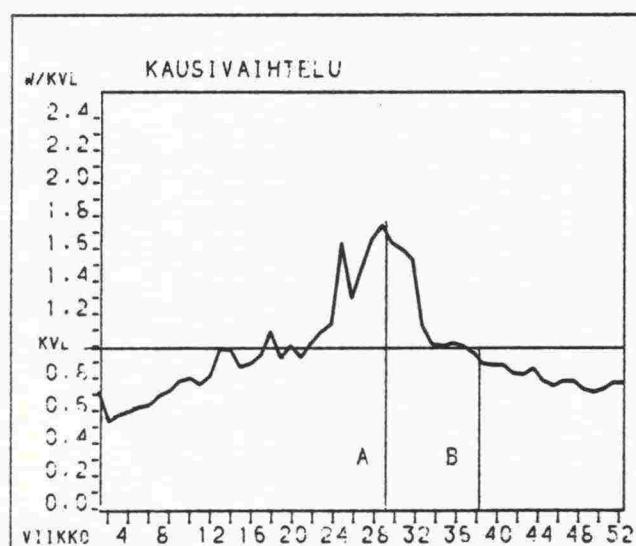
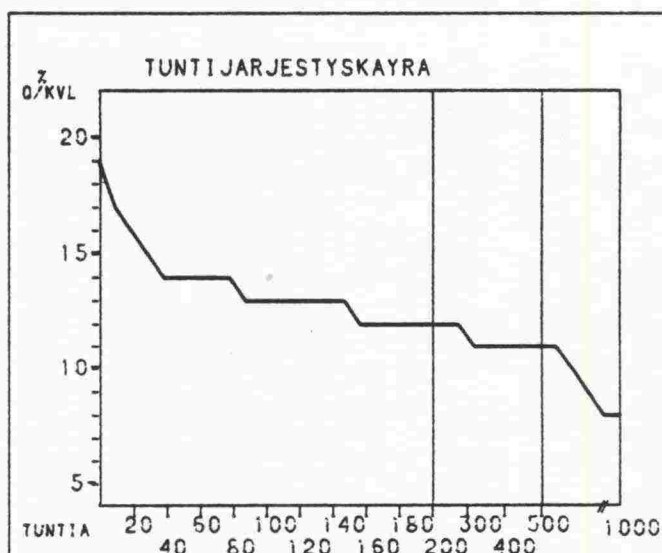
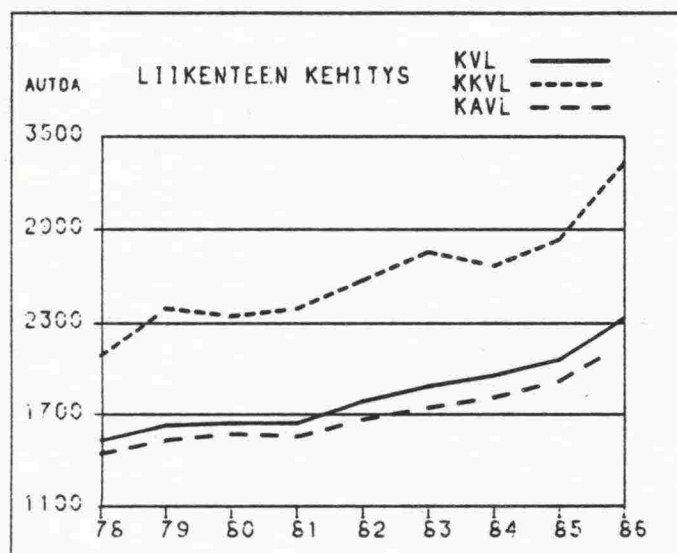
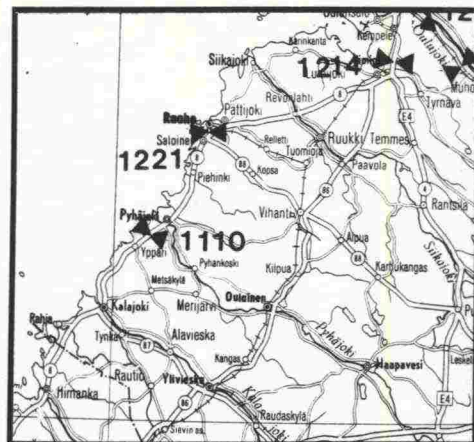
PA 6 %

LA 2 %

KAIP 4 %

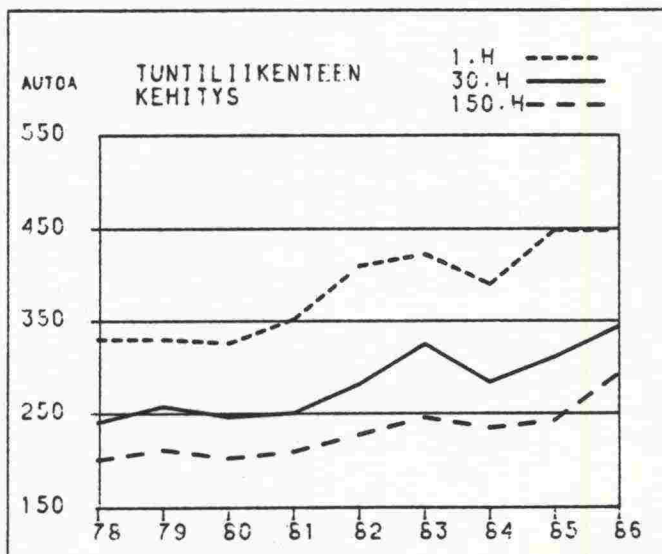
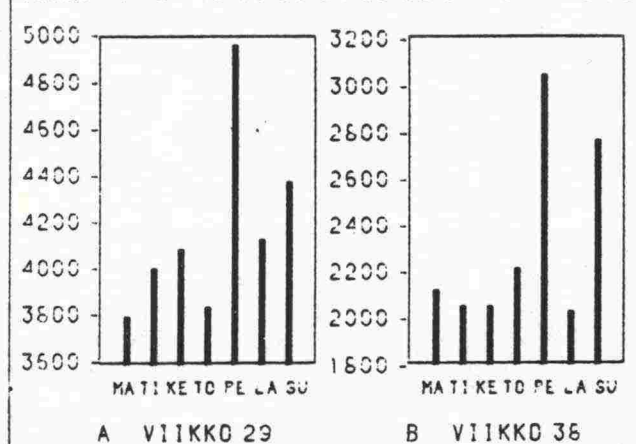
KAPP 1 %

KATP 10 %



H	D	PE-SU (•)	KERTYMA	HTK
1	449	100	0.1	0.96
30	345	63	1.4	0.87
100	313	61	4.0	0.87
150	294	77	5.6	0.86
300	260	67	10.6	0.86
1000	183	65	28.2	0.86
5000	79	43	64.4	0.82

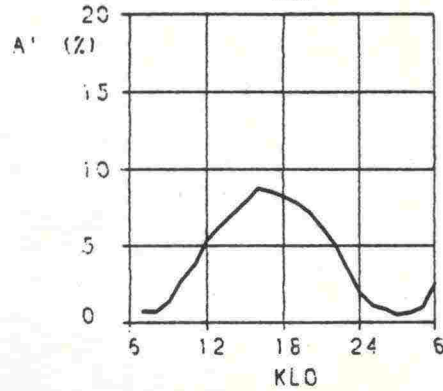
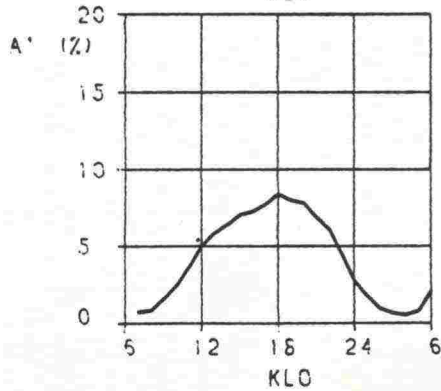
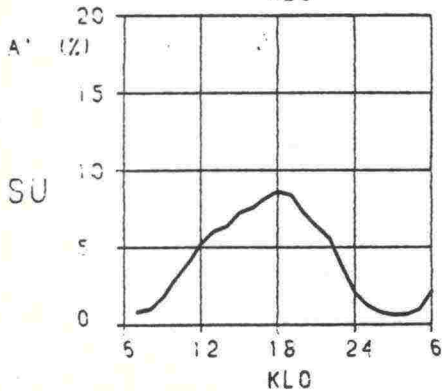
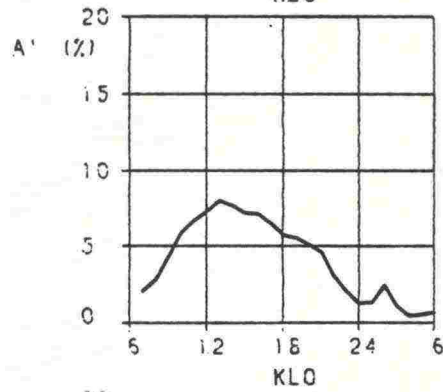
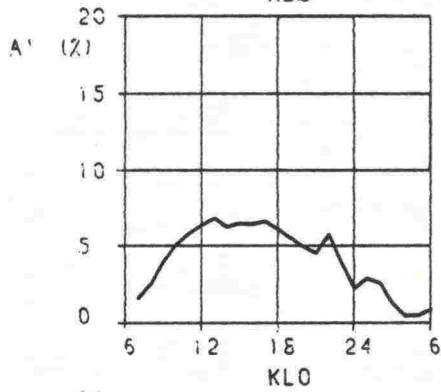
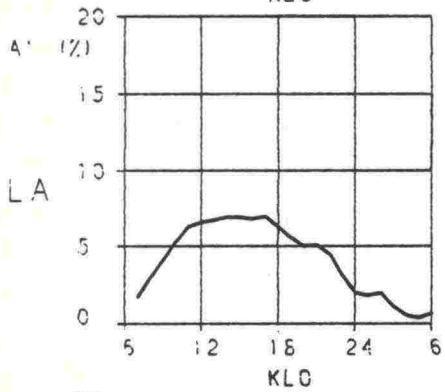
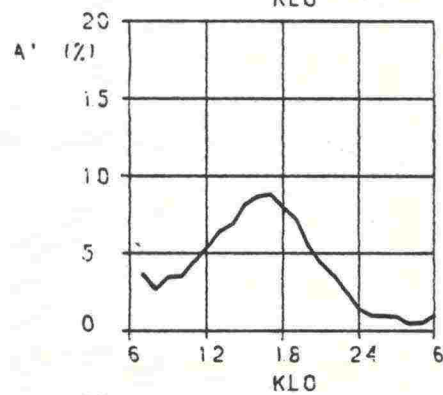
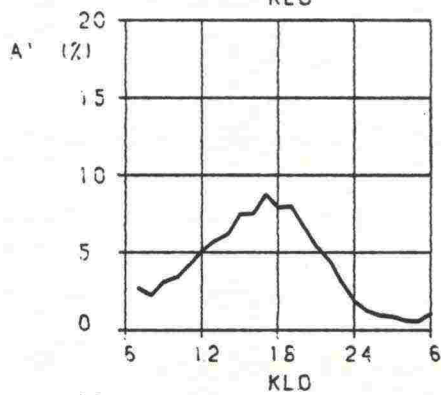
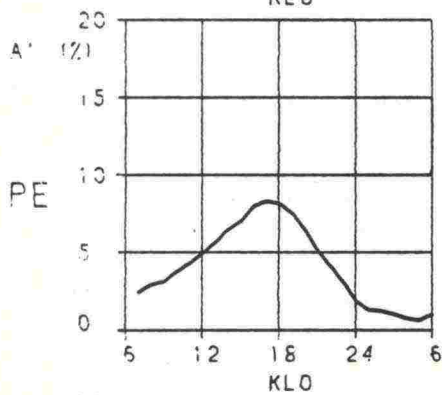
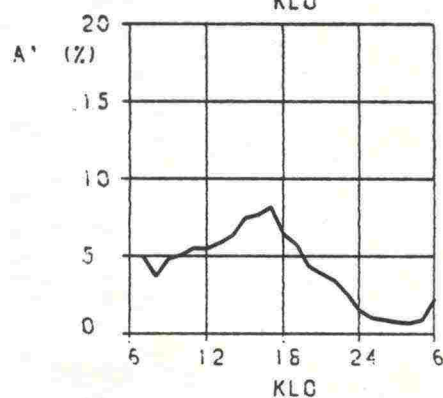
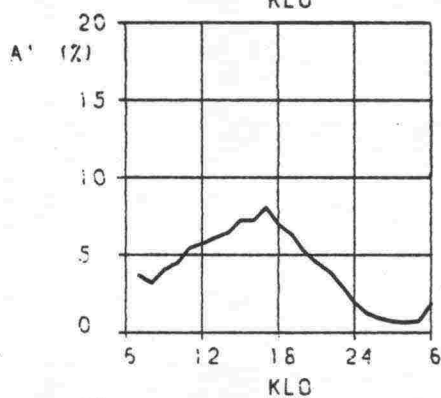
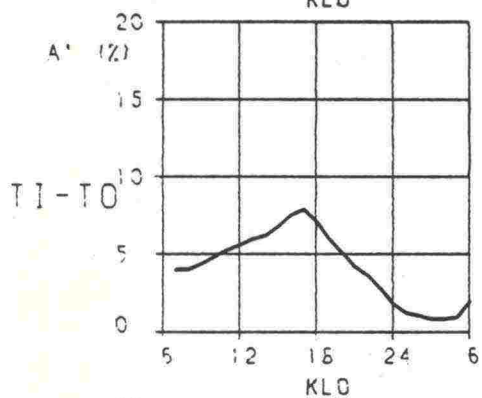
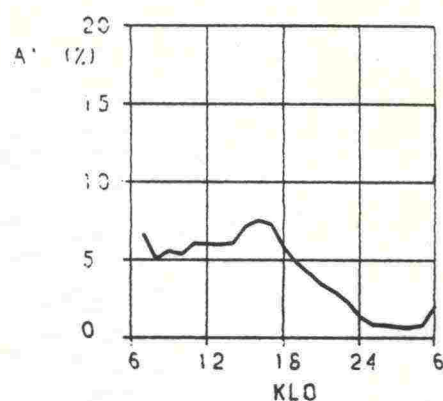
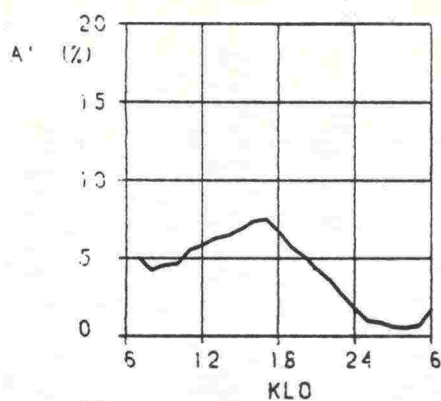
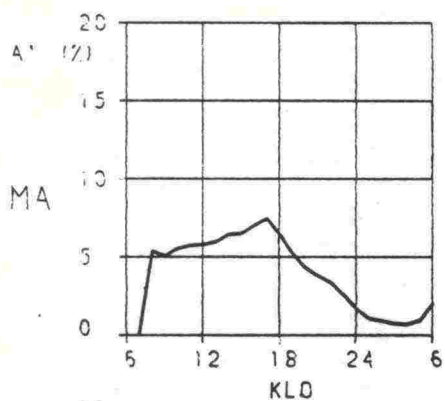
(•) MONTAKO % KO.ENSIMMAISISTA TUNNEISTA 0500 PE-SU:ILLE



HELMIKUU

HEINAKUU

LOKAKUU



ETAISYYS 2.6 KM

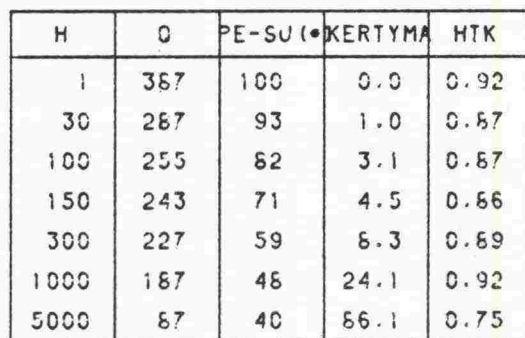
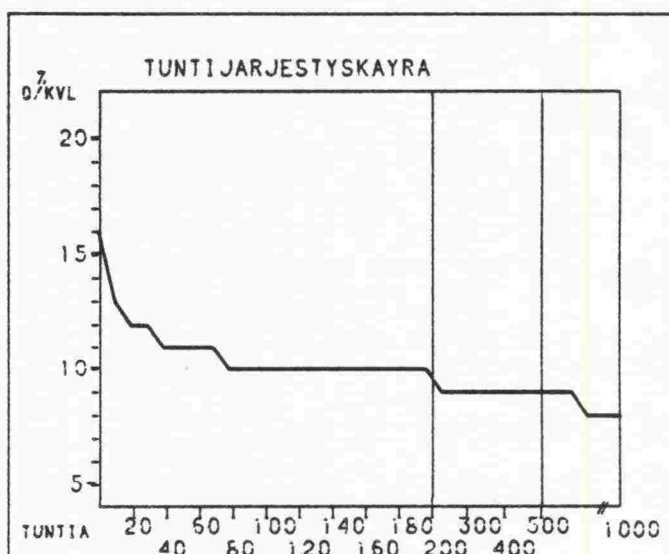
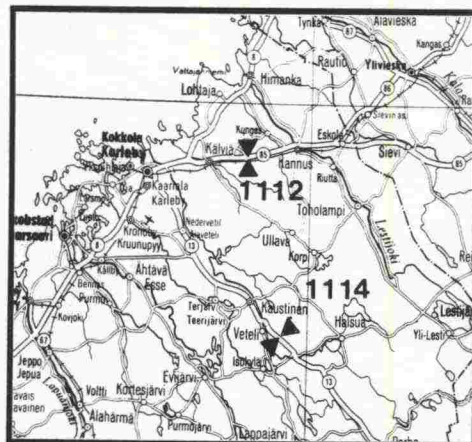
B' (SU/KESA) 0.95

D' 1.13

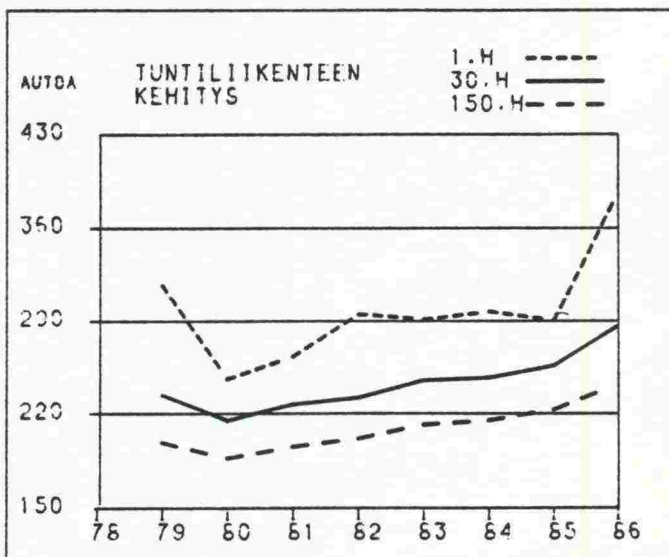
PA 8 %

KAIP 6 %

KATP 9 %



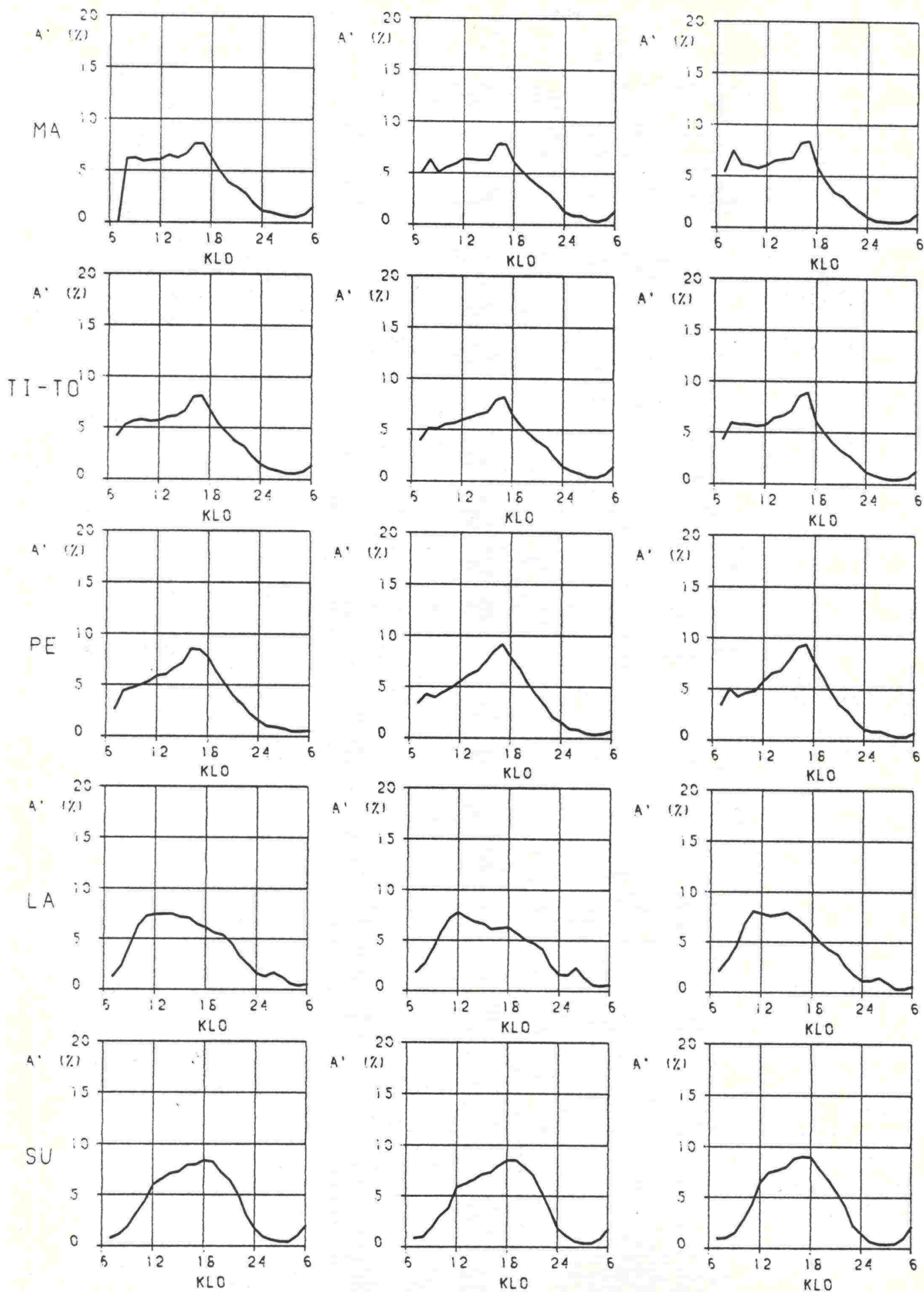
(*) MONTAKO % KO. ENSIMMAISISTA TUNNEISTA OSUO PE-SUOLLE



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HEINAKUU

LOKAKUU



1114VETELI

1986

VT13

TIEOSA 228 ETAISYYS 0.5 KM

KVL 974

B' (SU/KESA) 1.17

KAVL 915

KKVL 1250

D' 1.28

ARKILIIKENTEEN KOOSTUMUS

HA 73 %

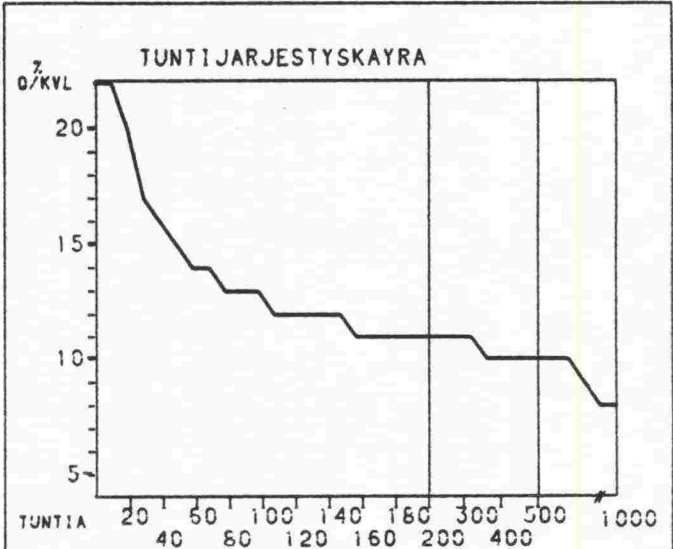
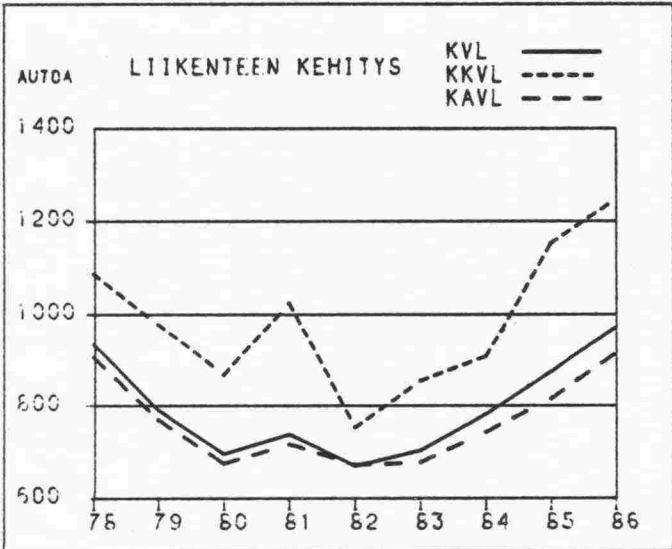
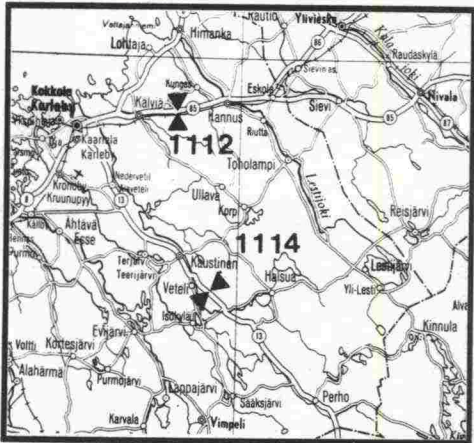
PA 6 %

LA 1 %

KAIP 10%

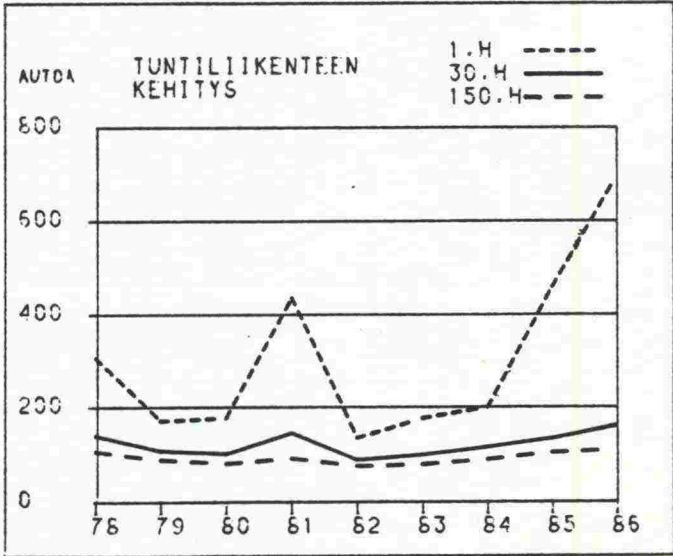
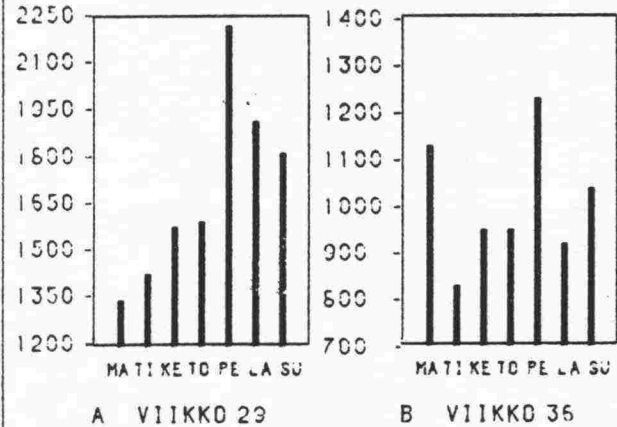
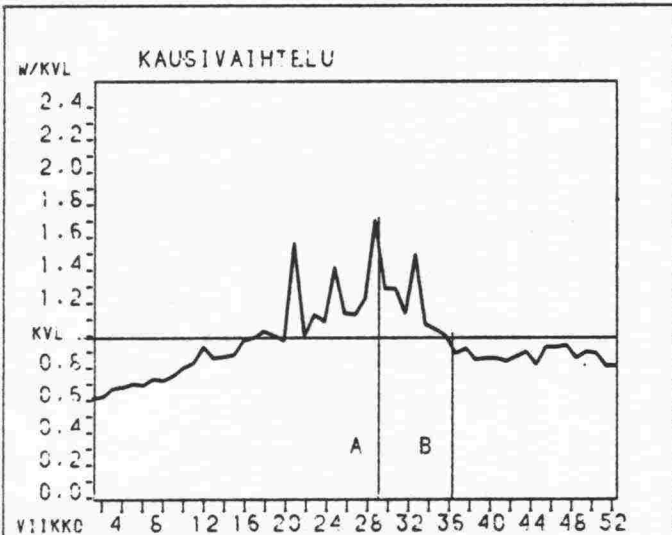
KAPP 1 %

KATP 9 %



H	O	PE-SU (KERTYMA)	HTK
1	697	100	0.2
30	165	100	2.2
100	123	93	4.9
150	113	90	5.5
300	101	83	11.0
1000	77	65	26.0
5000	33	41	67.1

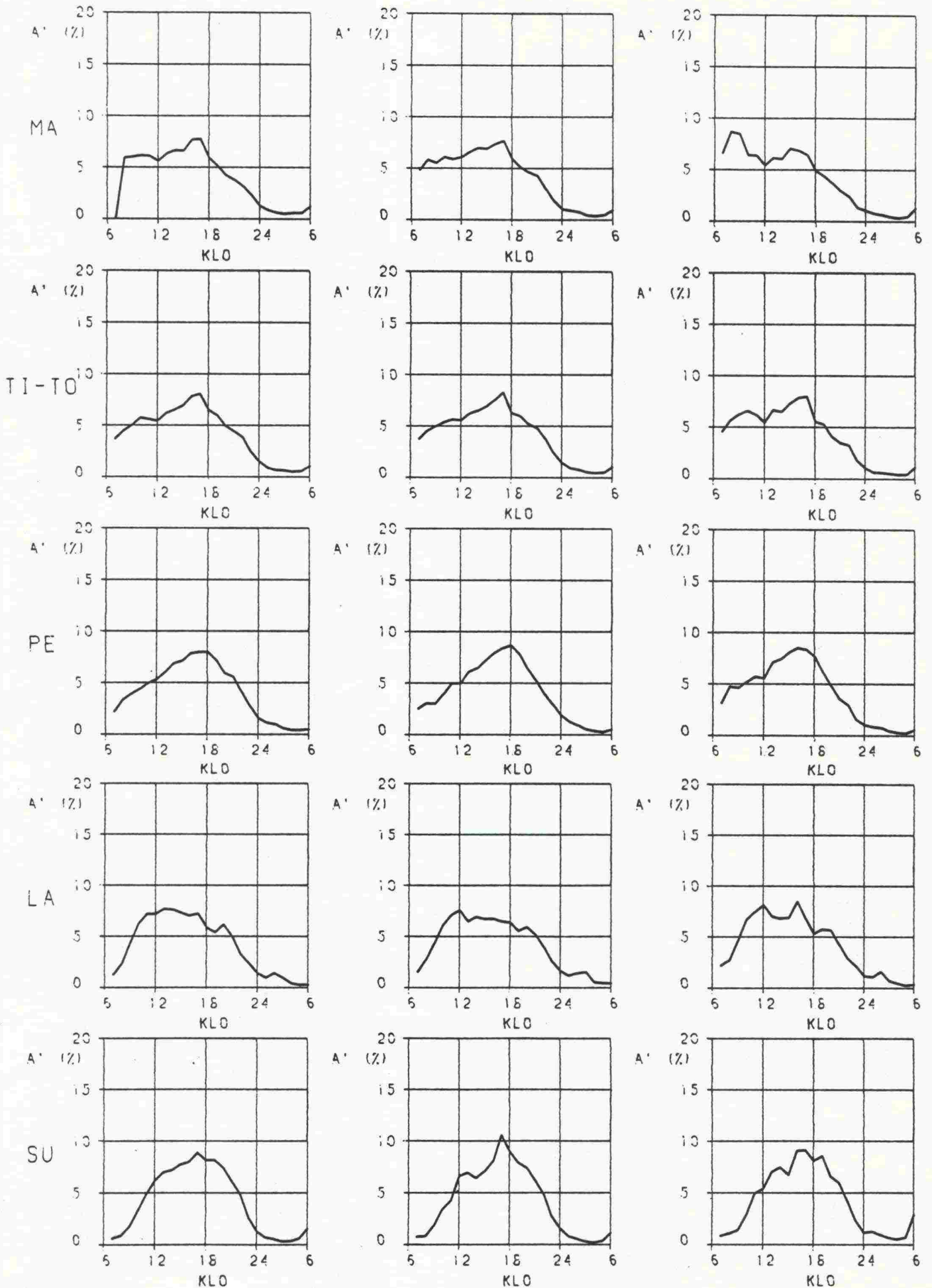
(*) MONTAKO % KO ENSIMMAISISTA TUNNEISTA OSUUS PE-SU:LE



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HEINAKUU

LOKAKUU



1214TUPOS

1986

VT4 TIEOSA 363 ETAISYYS 1.8 KM

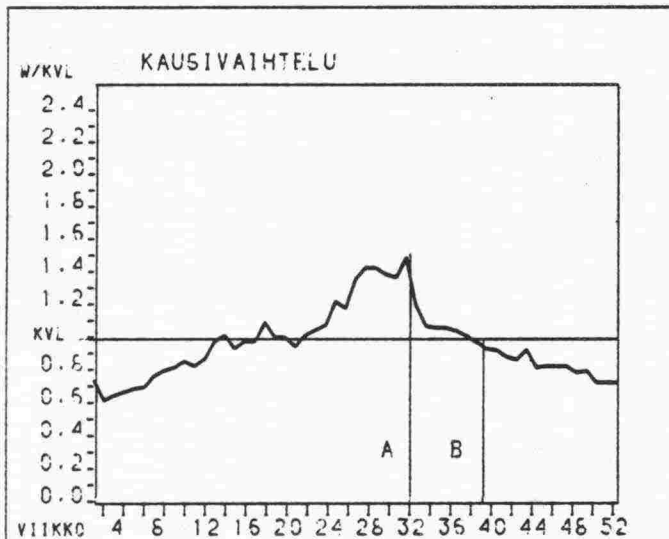
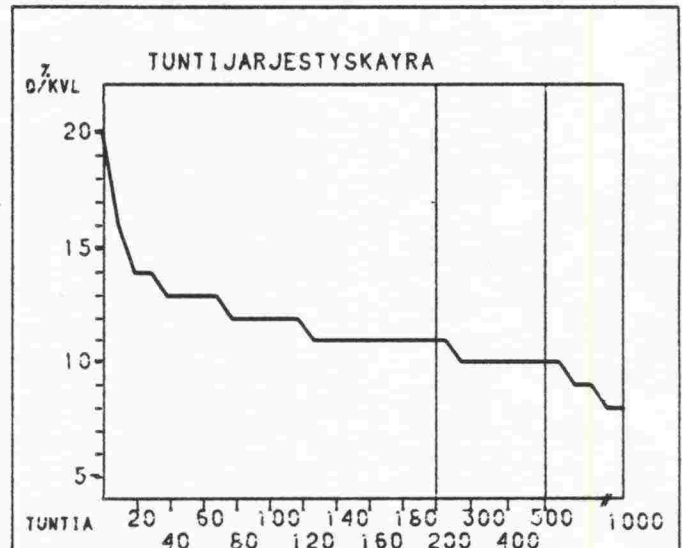
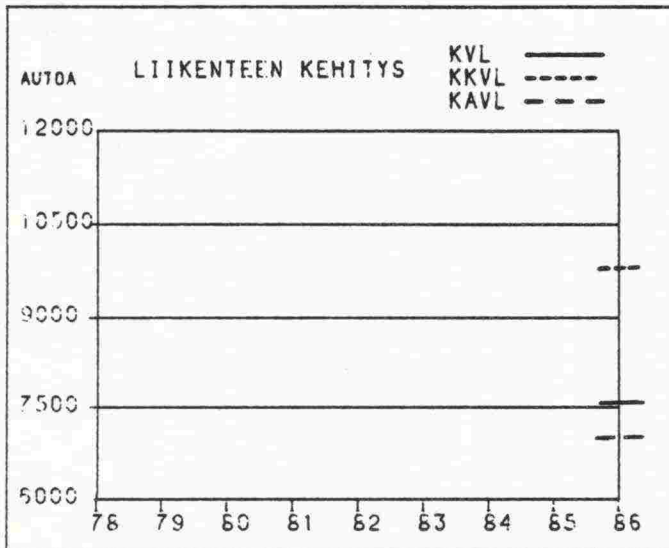
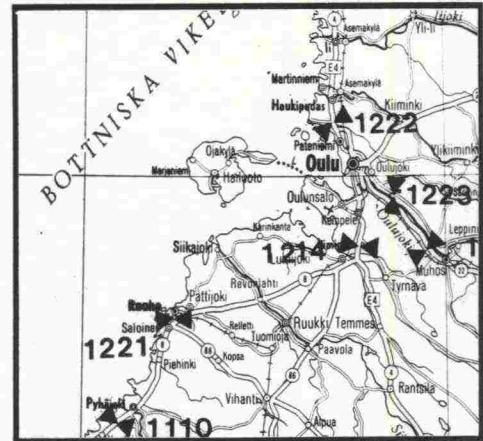
KVL 7507 B' (SU/KESA) 1.15

KAVL 7074

KKVL 9704 D' 1.29

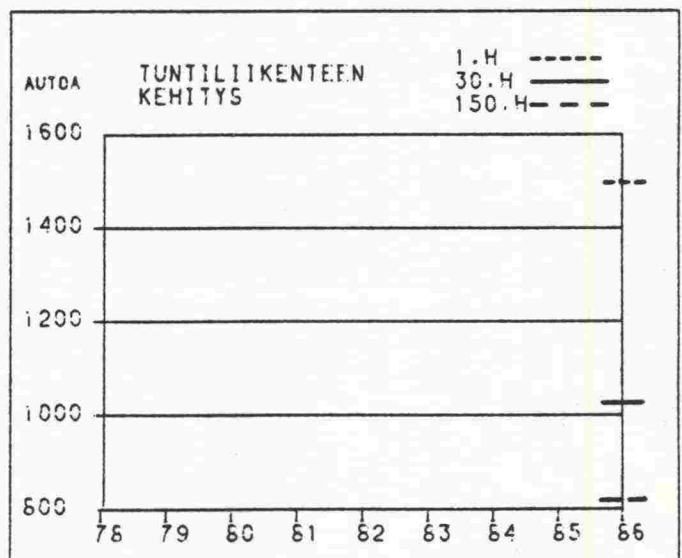
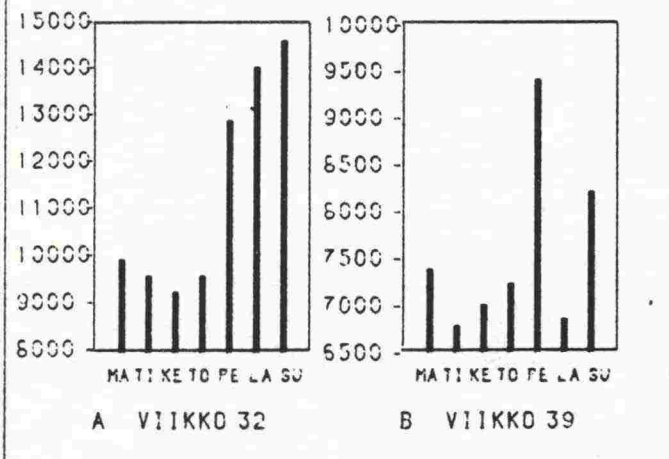
ARKILIIKENTEEN KOOSTUMUS

HA 78 % PA 6 %
LA 2 % KAIP 4 %
KAPP 1 % KATP 9 %



H	D	PE-SU (•) KERTYMA	HTK
1	1496	100	0.1
30	1032	86	1.3
100	899	80	3.7
150	838	80	5.3
300	751	75	9.7
1000	572	65	26.1
5000	262	42	84.0

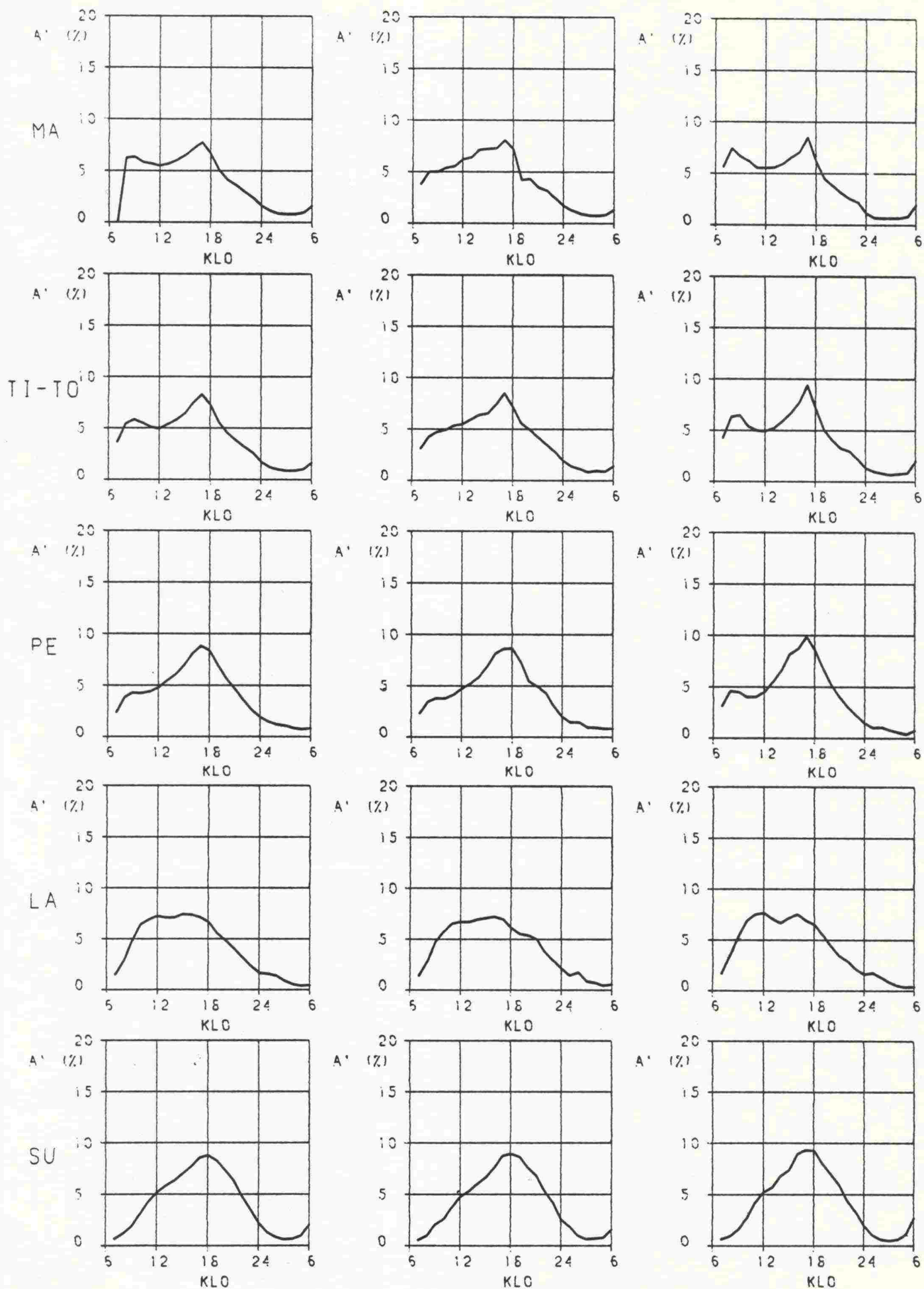
(•) MONTAKO % KO.ENSIMMAISISTA TUNNEISTA OSUO PE-SU:ILLE



HELMIKUU

HEINAKUU

LOKAKUU

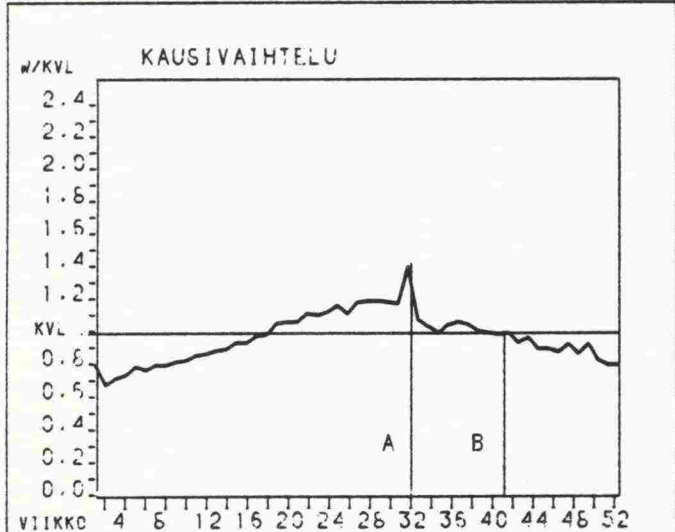
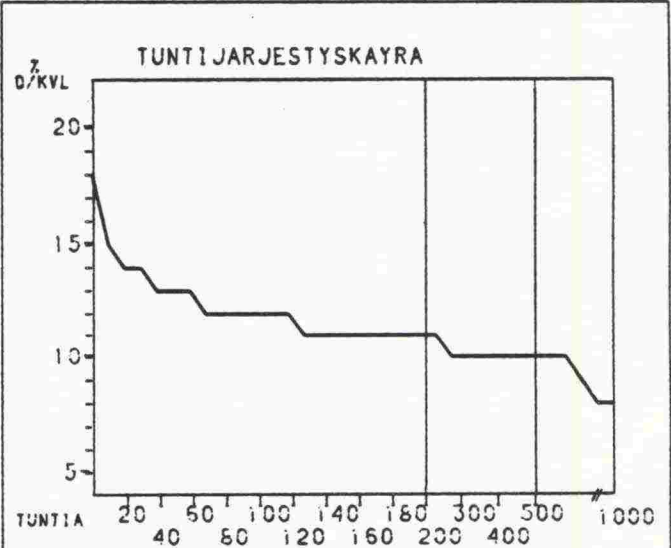
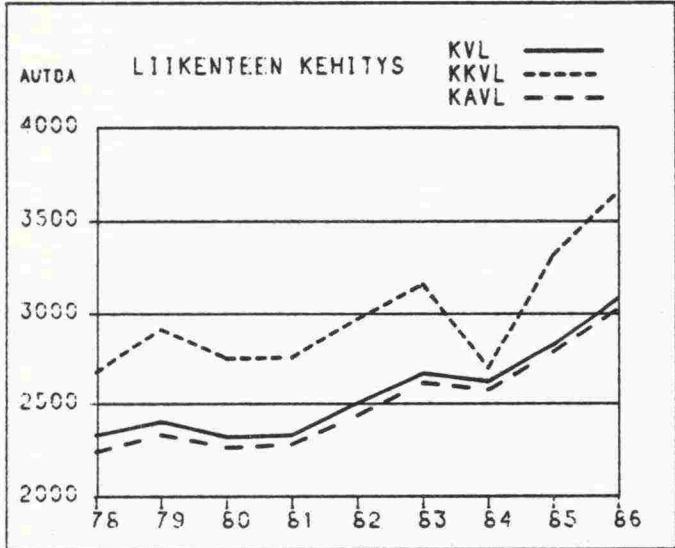
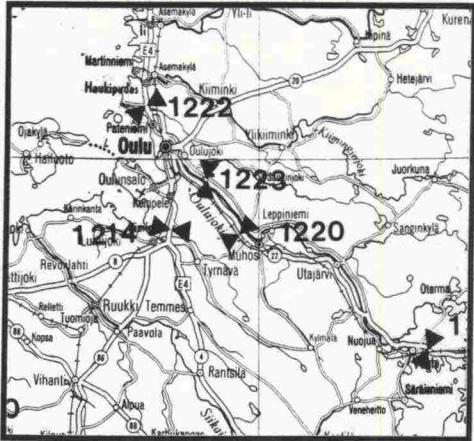


1220MUHOS/LAITASAARI 1986
VT22 TIEOSA 6 ETAISYYS 0.0KM

KVL 3094 B' (SU/KESA) 1.04
KAVL 3036
KKVL 3665 D' 1.18

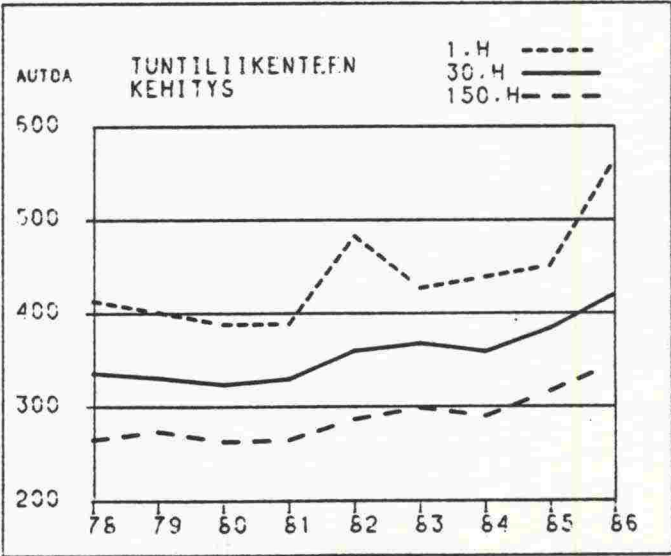
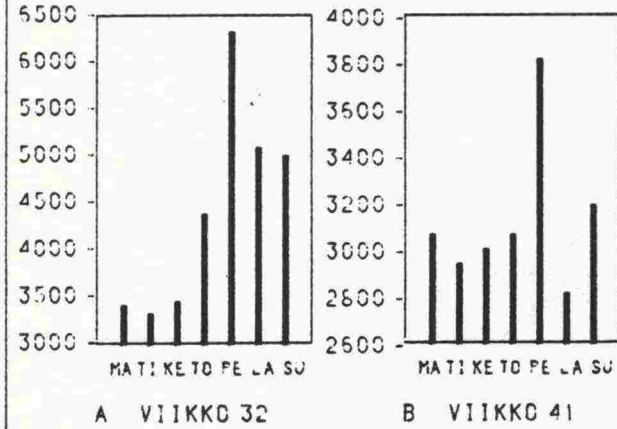
ARKILIIKENTEEEN KOOSTUMUS

HA 82 % PA 6 %
LA 2 % KAIP 4 %
KAPP KATP 6 %



H	D	PE-SU (*KERTYMA	HTK
1	565	0	0.31
30	421	90	1.2
100	366	94	3.6
150	347	92	5.2
300	311	77	9.6
1000	241	53	26.3
5000	105	40	67.6

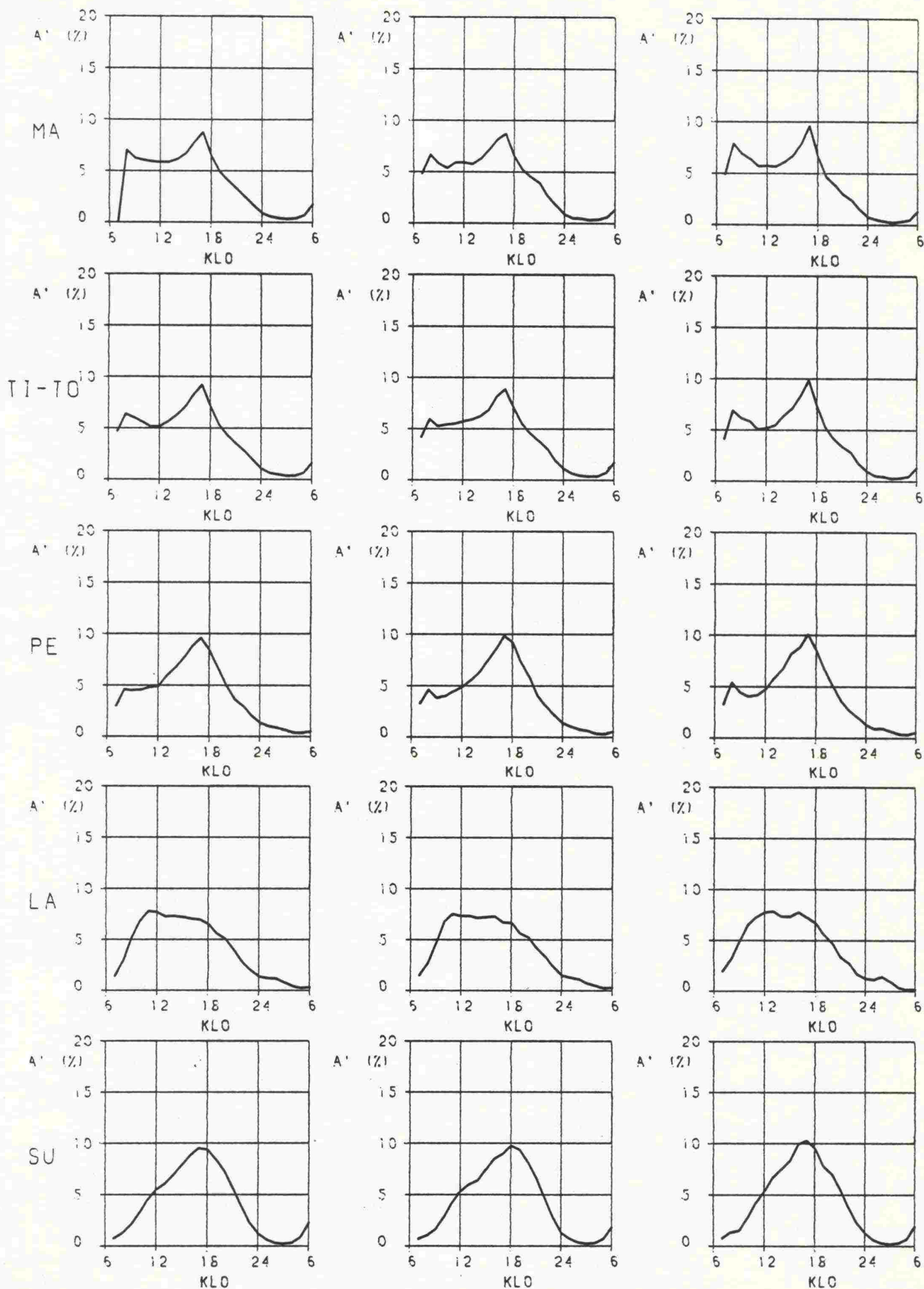
(*) MONTAKO % KO-ENSIMMAISISTA TUNNEISTA OSUU PE-SU-LLE



HELMIKUU

HEINAKUU

LOKAKUU



1221RAAHE

MT8103 TIEGSA 1 ETAISYYS 1.2 KM

1986

KVL 5832 B' (SU/KESA) 0.78

KAVL 5989

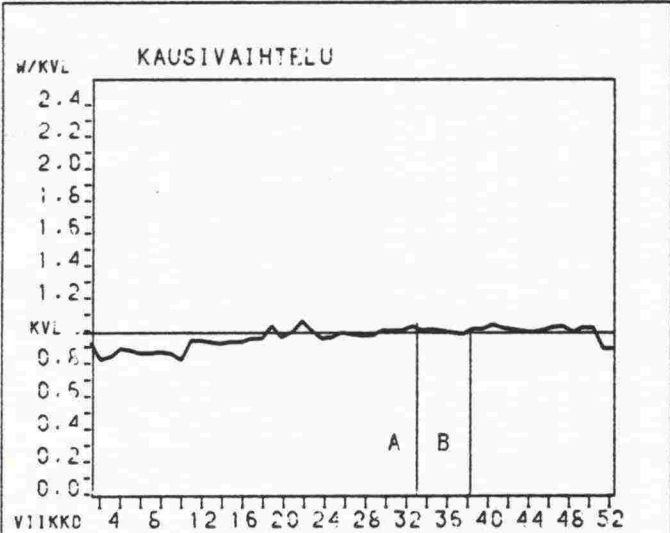
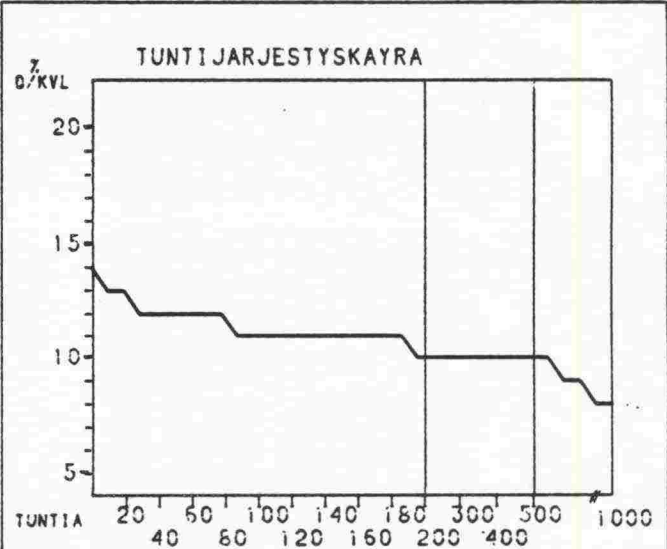
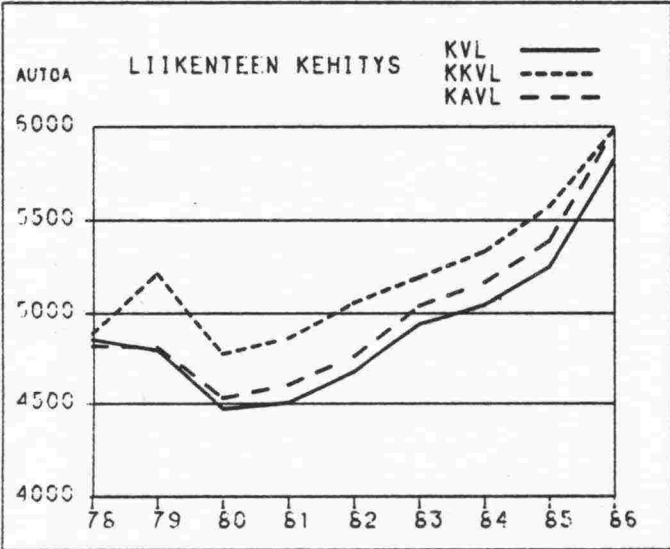
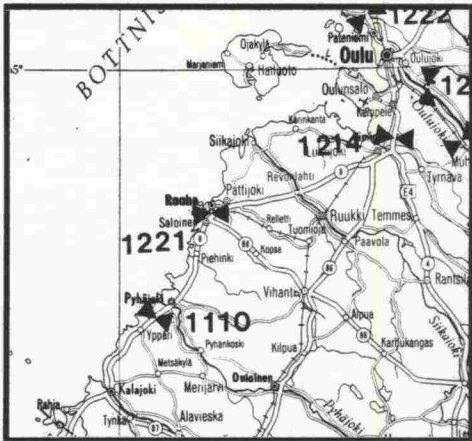
KKVL 5990 D' 1.02

ARKILIIKENTEEEN KOOSTUMUS

HA 91 % PA 5 %

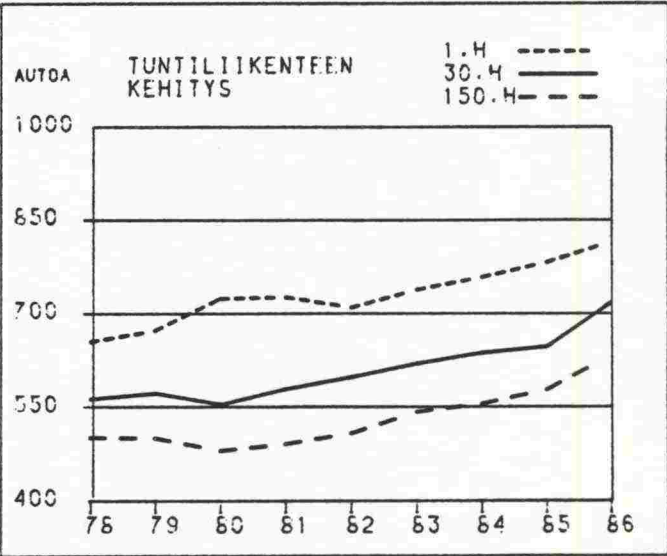
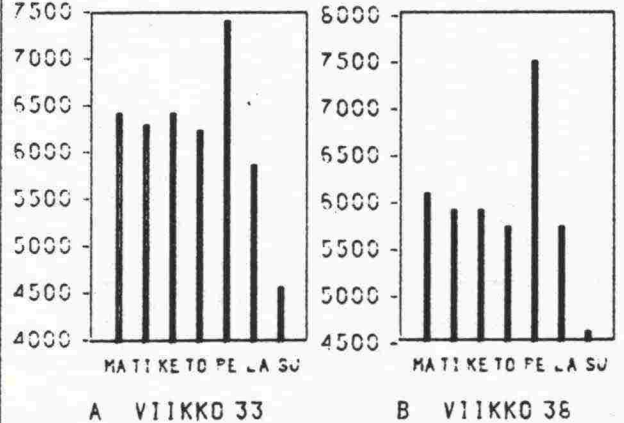
LA 1 % KAIP 2 %

KAPP KATP 1 %



H	G	PE-SU (KERTYMA)	HTK
1	817	0	0.0
30	719	70	1.1
100	666	44	3.3
150	635	42	4.6
300	579	43	9.1
1000	467	41	25.9
5000	206	40	68.2

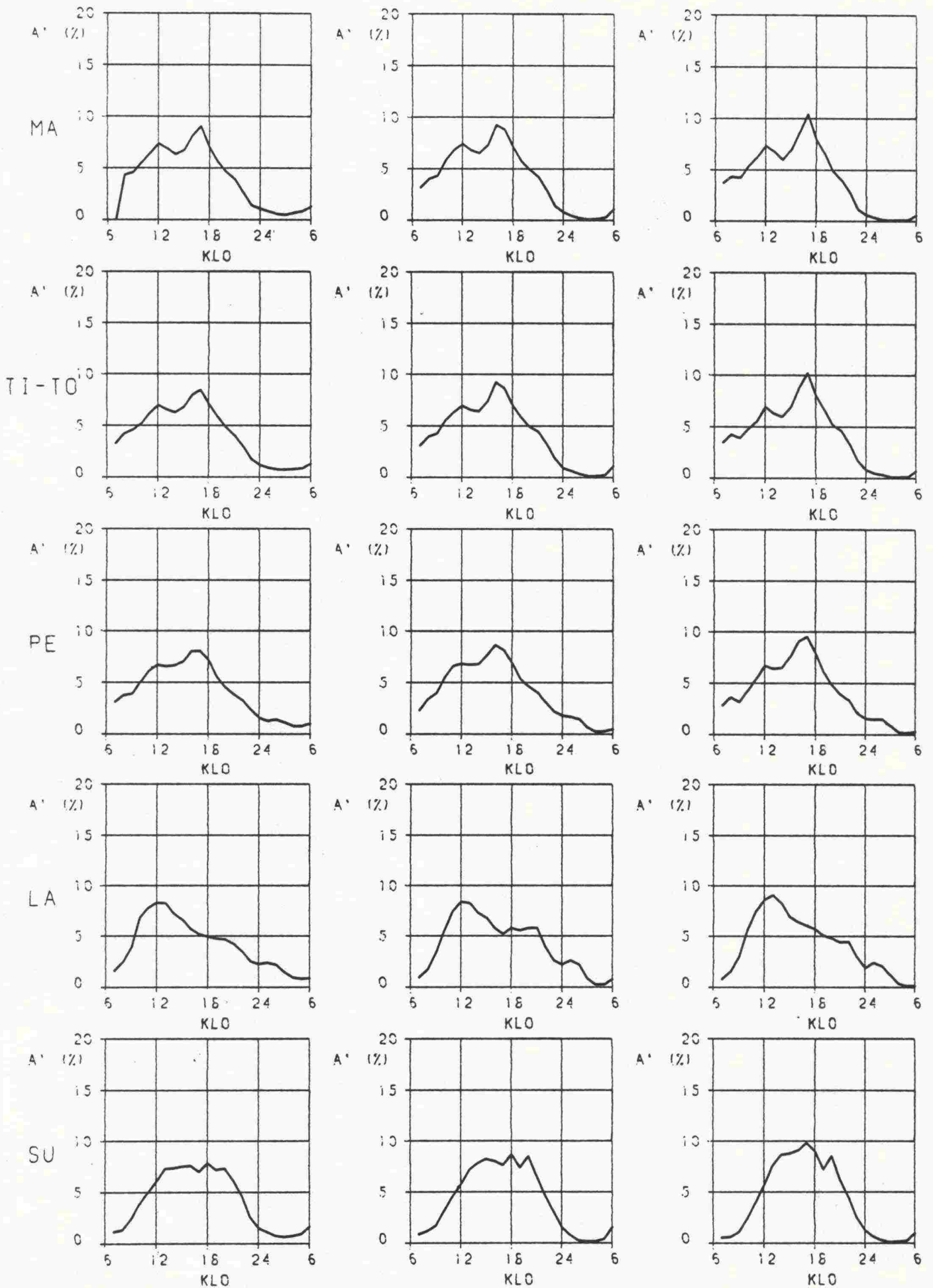
(*) MONTAKO % KO.ENSIMMAISISTA TUNNEISTA OSUU PE-SU:LE



HELMIKUU

HEINAKUU

LOKAKUU

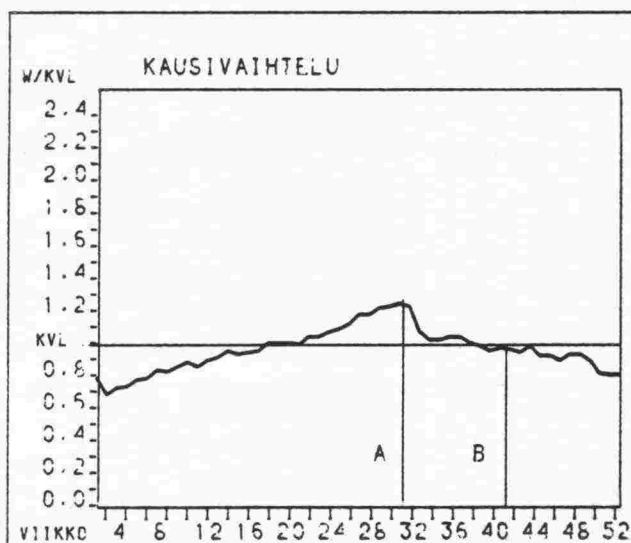
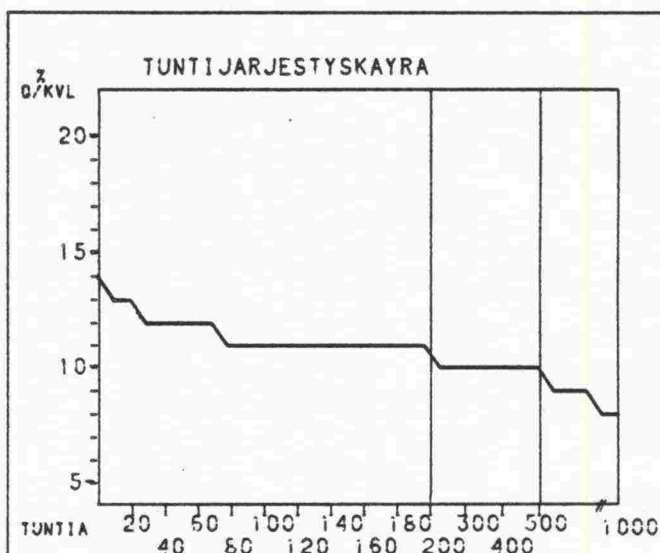
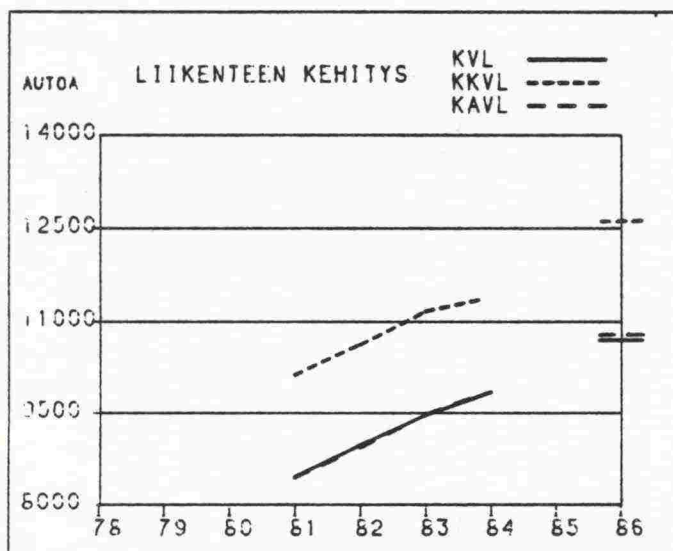
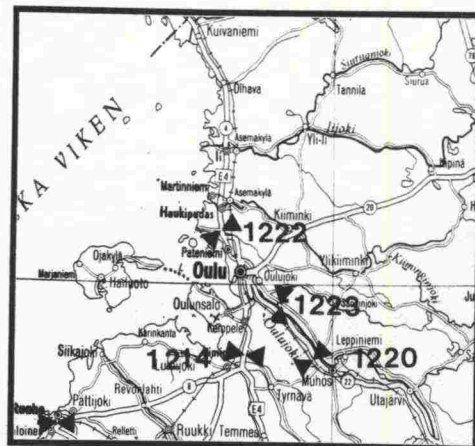


1222HAUKIPUDAS/KELLO 1986
VT4 TIEOSA 405 ETAISYYS 0.0KM

KVL 10722 B' (SU/KESA) 0.95
KAVL 10735
KKVL 12571 D' 1.17

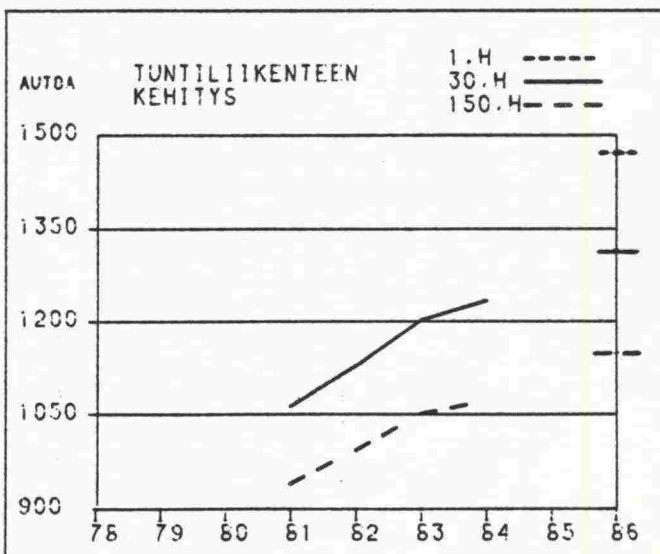
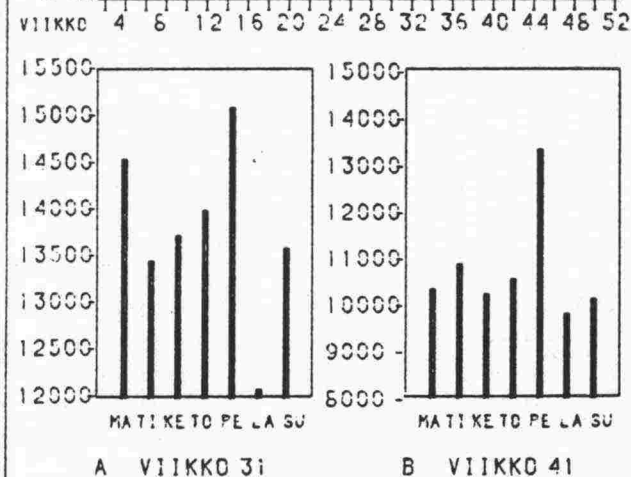
ARKILIIKENTEEN KOOSTUMUS

HA 83% PA 6%
LA 2% KAIP 4%
KAPP KATP 5%



H	Q	PE-SU (*KERTYMA)	HTK
1	1460	100	0.0
30	1318	60	1.1
100	1201	53	3.3
150	1156	51	4.8
300	1052	42	9.0
1000	826	43	25.4
5000	390	40	65.6

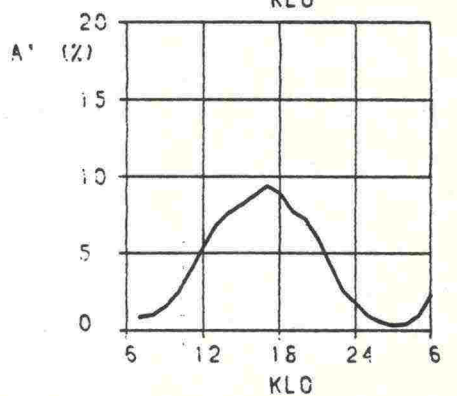
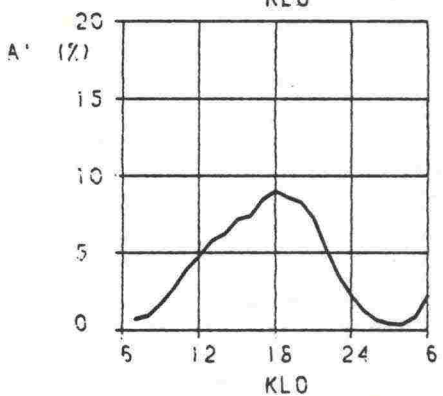
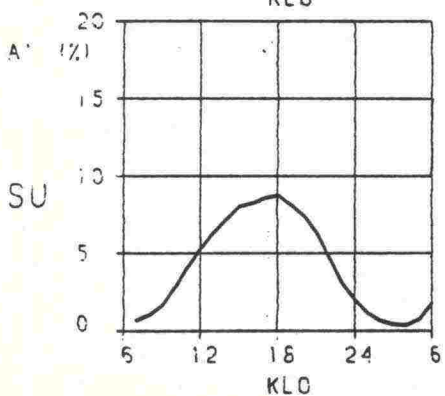
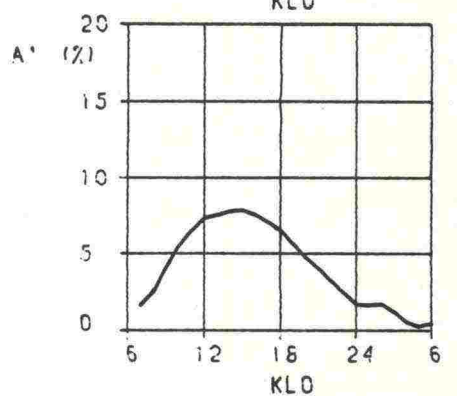
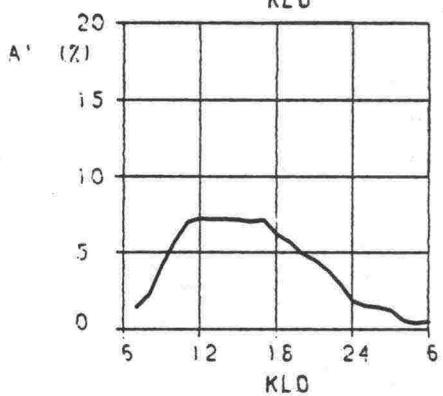
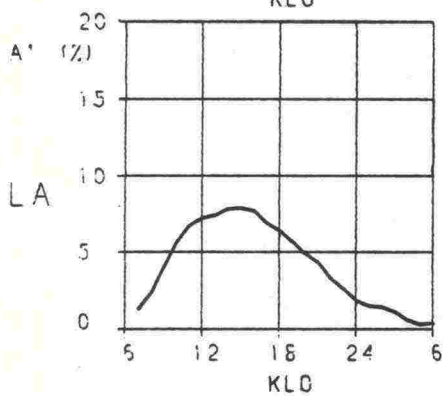
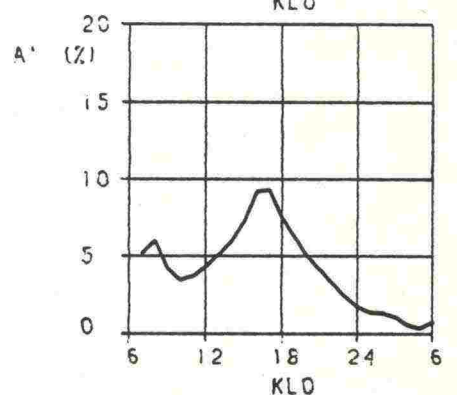
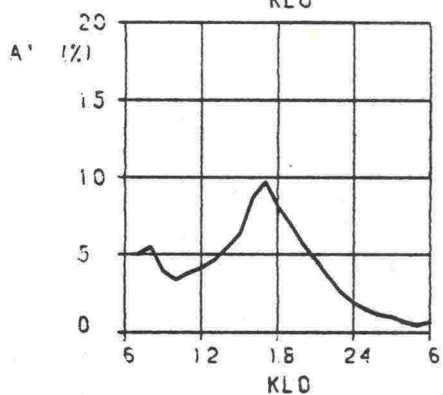
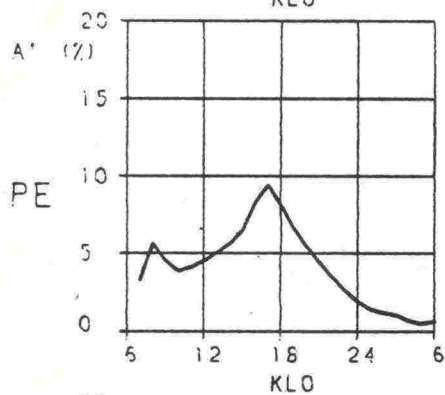
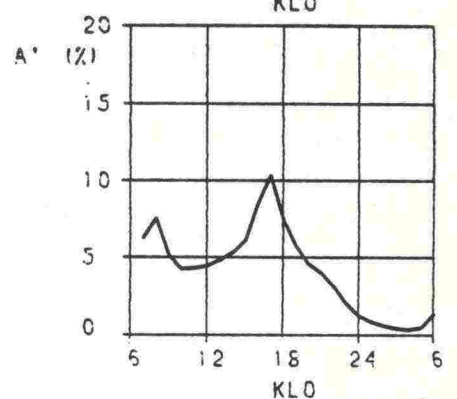
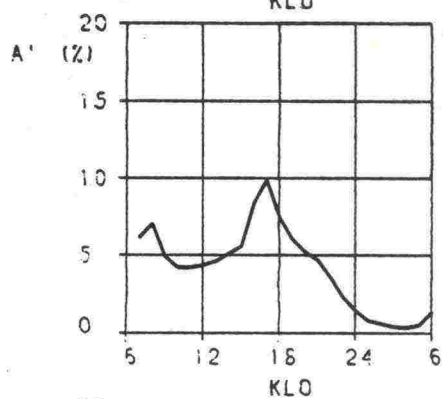
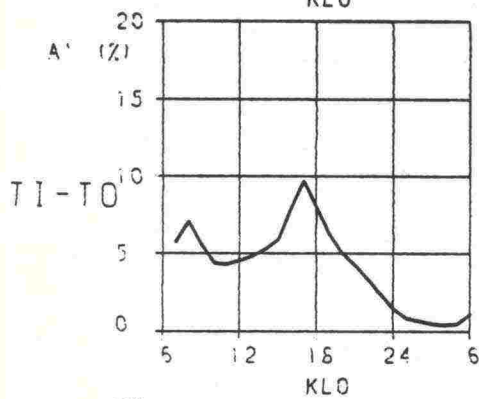
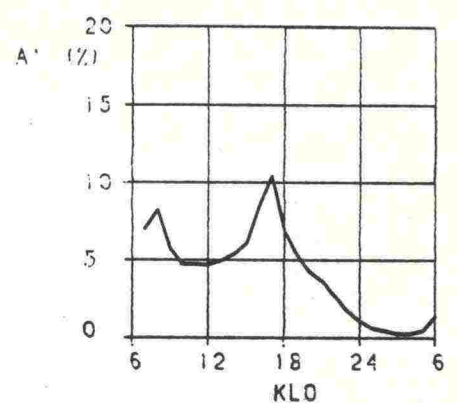
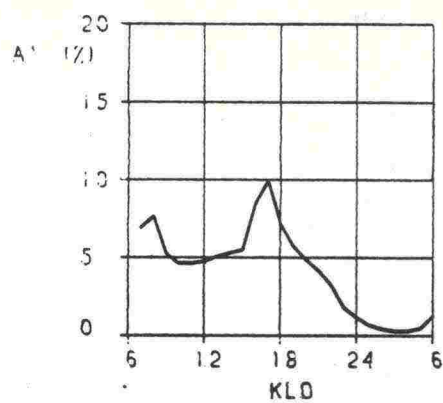
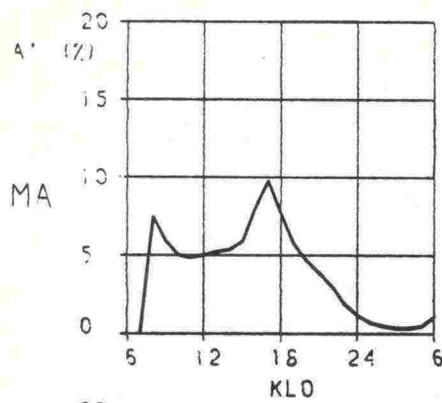
(*) MONTAKO % KO. ENSIMMAISISTA TUNNEISTA OSUUS PE-SU: LLE



HELMIKUU

HEINAKUU

LOKAKUU



1223HINTTA

1986

KT830 TIEOSA 1 ETAISYYS 0.7 KM

KVL 10531 B' (SU/KESA) 0.78

KAVL 10975

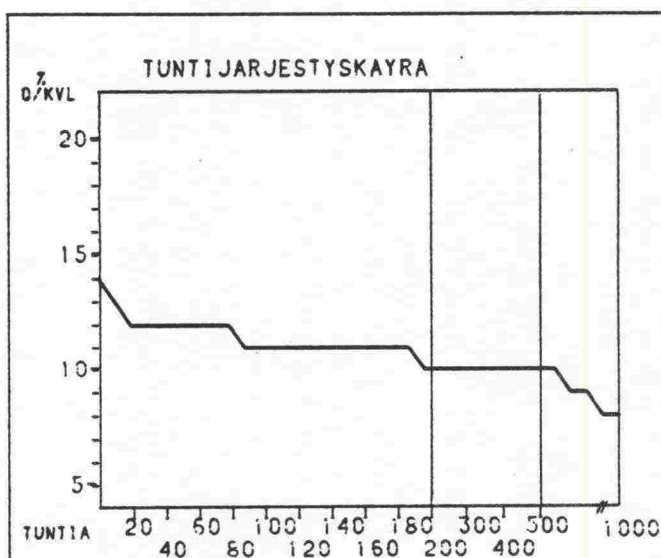
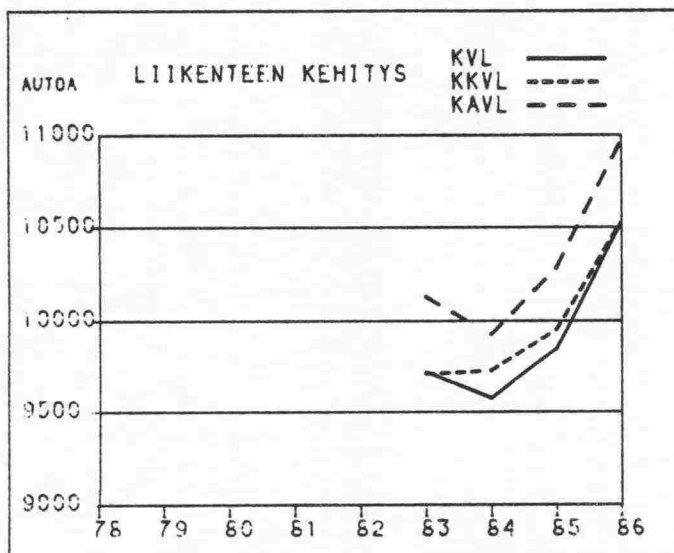
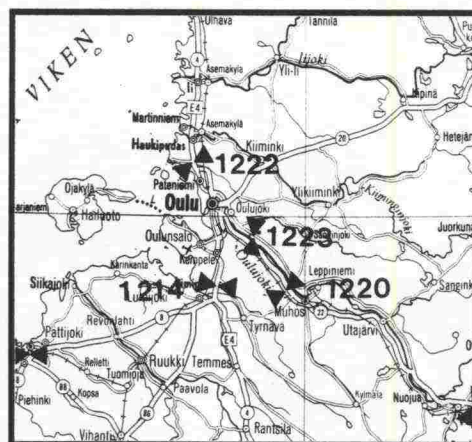
KKVL 10536 D' 1.00

ARKILIIKENTEEN KOOSTUMUS

HA 90 % PA 5 %

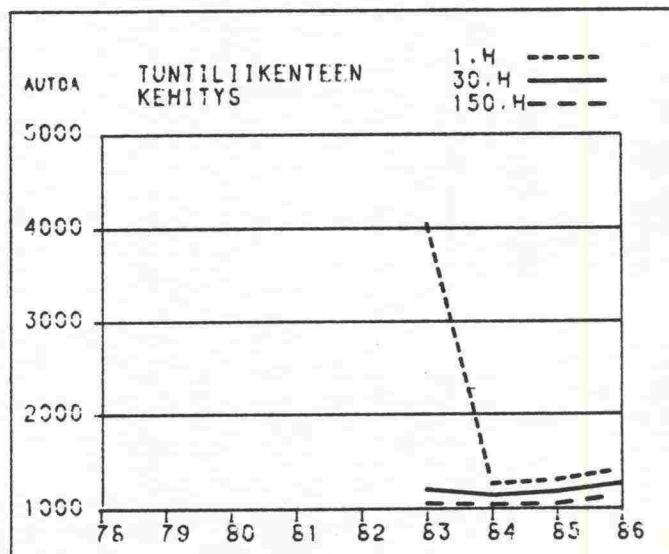
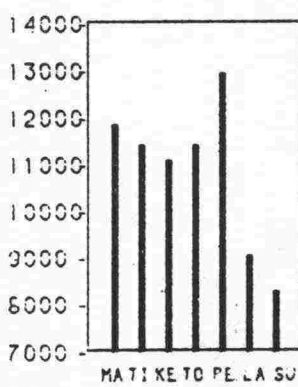
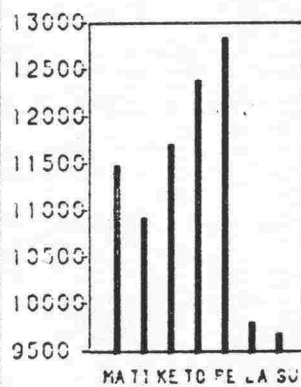
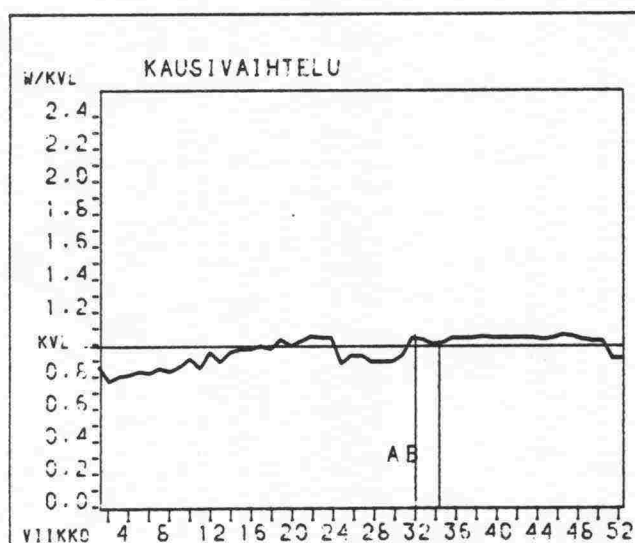
LA 2 % KAIP 3 %

KAPP KATP



H	D	PE-SU (•)	KERTYMA	HTK
1	1422	0	0.0	-
30	1275	40	1.0	0.69
100	1192	37	3.3	0.67
150	1151	32	4.6	0.95
300	1028	29	9.0	0.96
1000	626	30	25.7	-
5000	396	36	67.0	0.65

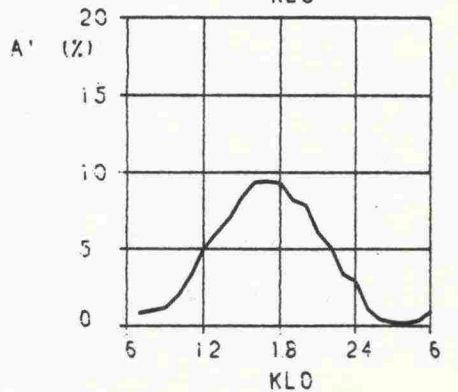
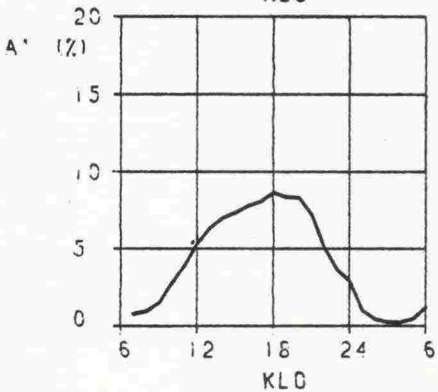
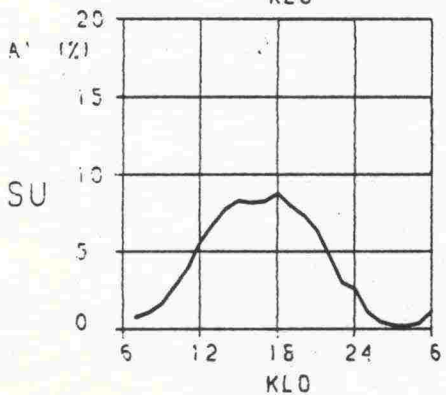
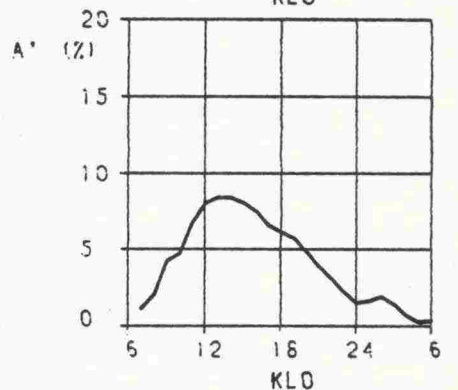
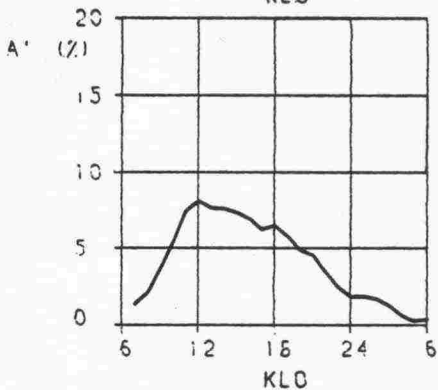
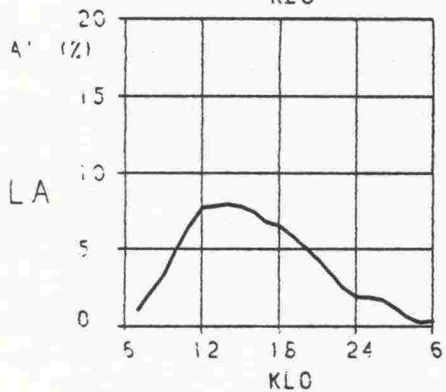
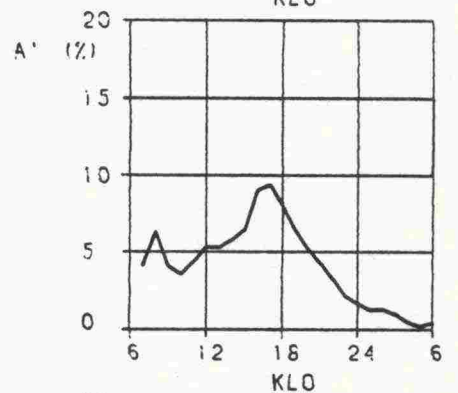
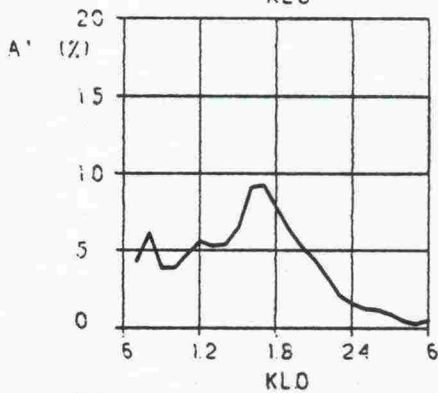
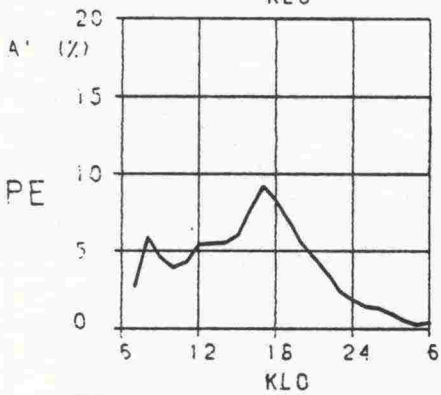
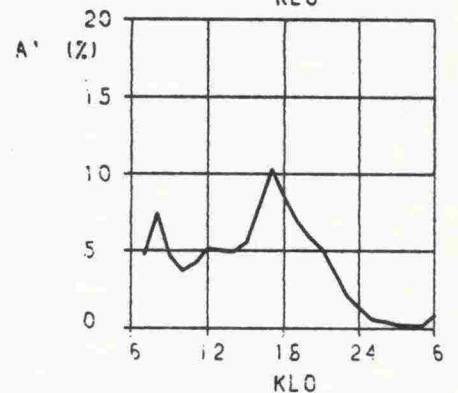
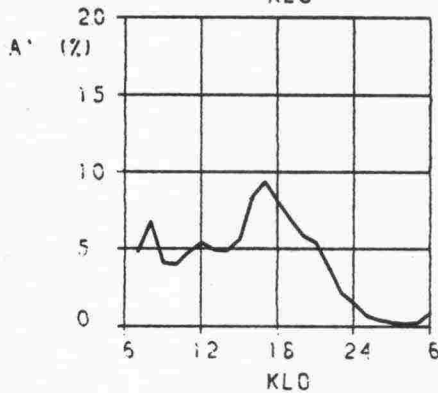
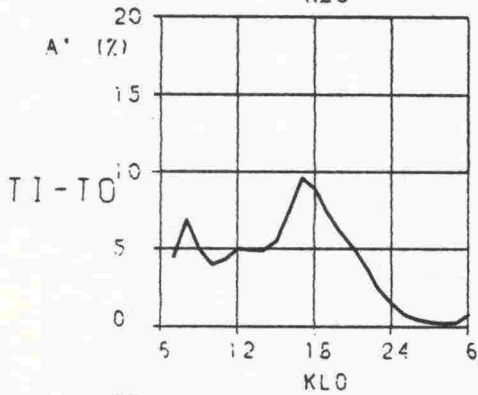
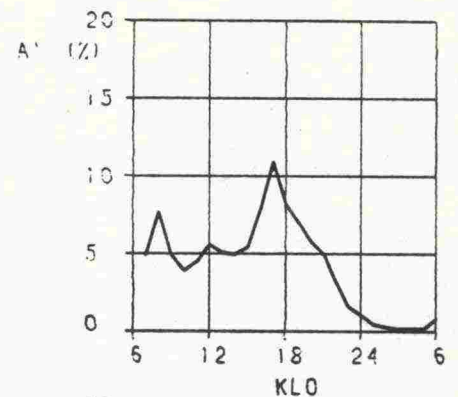
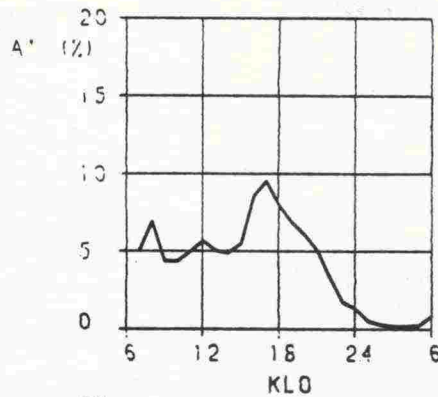
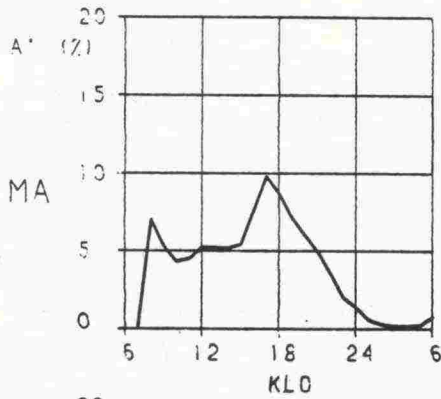
(•) MONTAKO % KO-ENSIMMAISISTA TUNNEISTA OSUUS PE-SU-ALLE



HELMIKUU

HEINAKUU

LOKAKUU

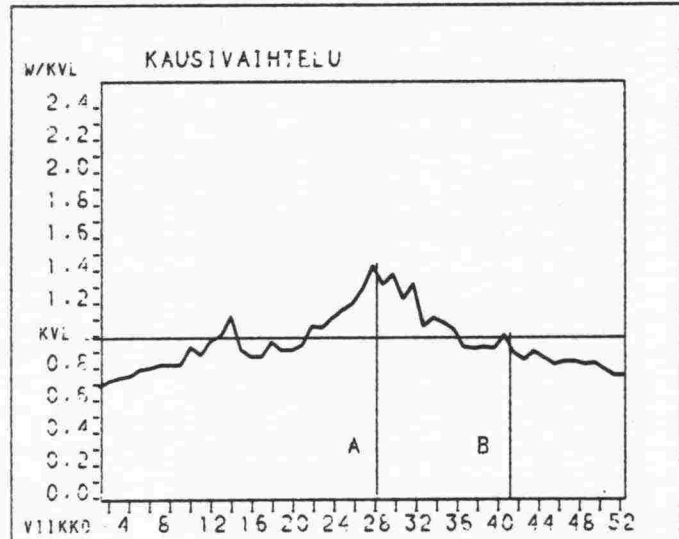
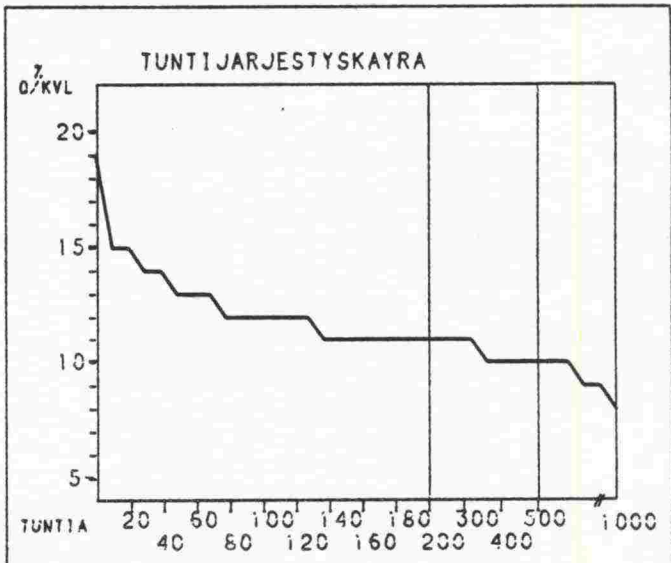
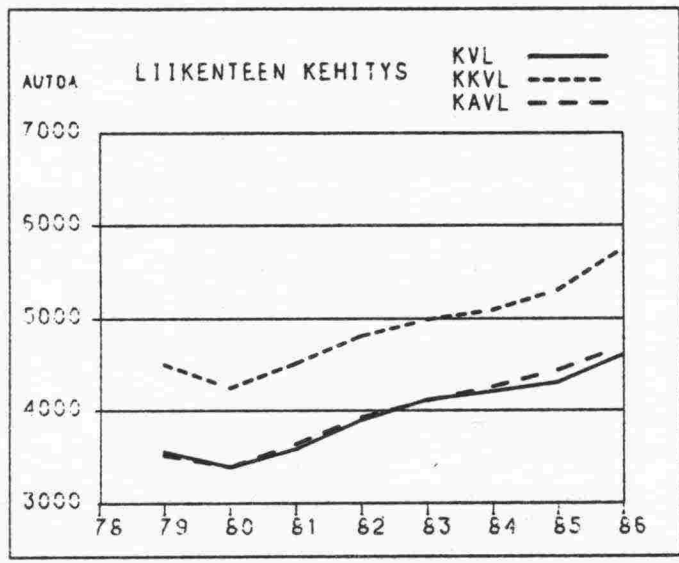
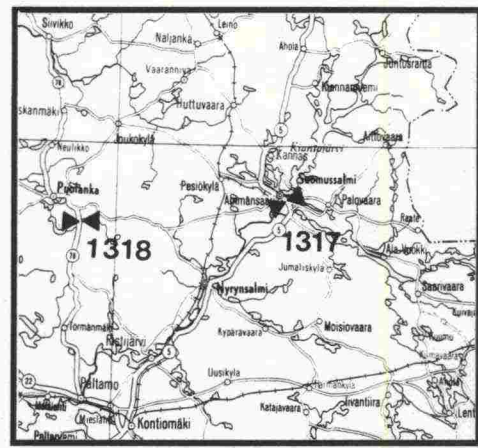


1317SUOMUSSALMI 1986
VT5 TIEOSA 324 ETAISYYS 2.7 KM

KVL 4606 B' (SU/KESA) 0.81
KAVL 4697
KKVL 5764 D' 1.25

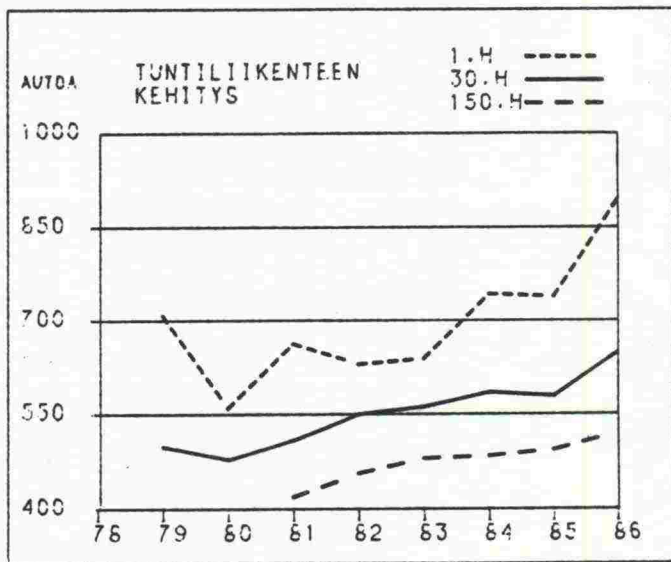
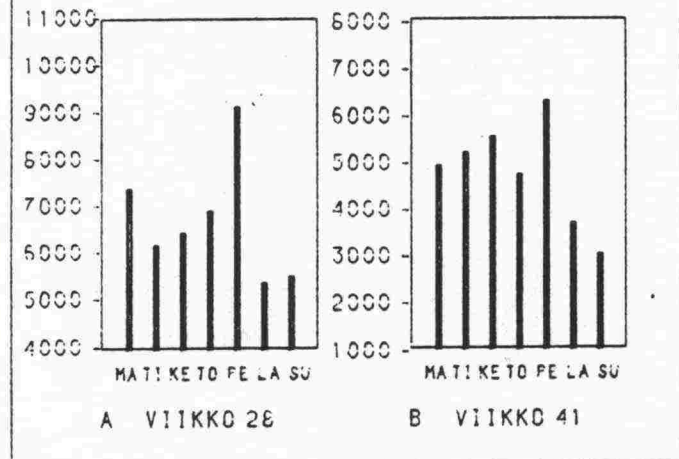
ARKILIIKENTEN KOOSTUMUS

HA 84 % PA 7 %
LA 2 % KAIP 5 %
KAPP KATP 2 %



H	D	PE-SU (*)	KERTYMA	HTK
1	896	100	0.1	0.64
30	650	73	1.3	0.61
100	561	64	3.7	0.61
150	523	56	5.4	0.66
300	477	47	9.6	0.90
1000	375	40	27.2	0.92
5000	159	40	86.4	-

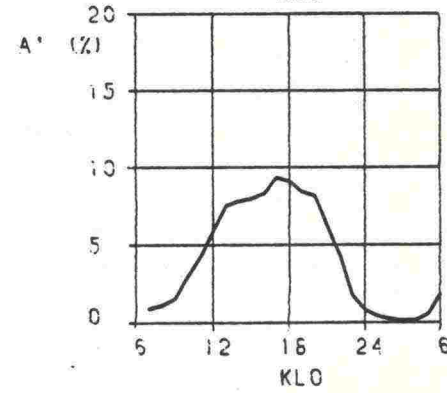
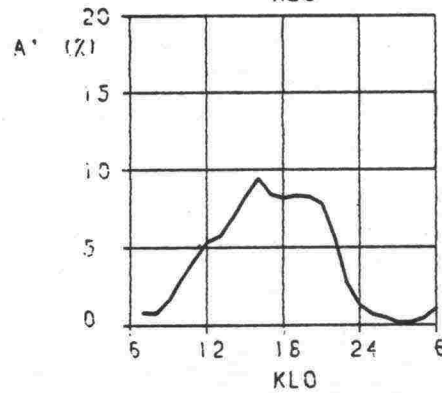
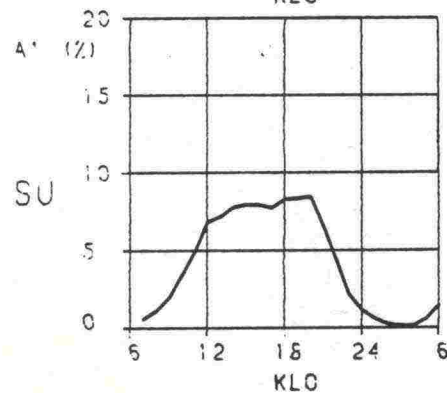
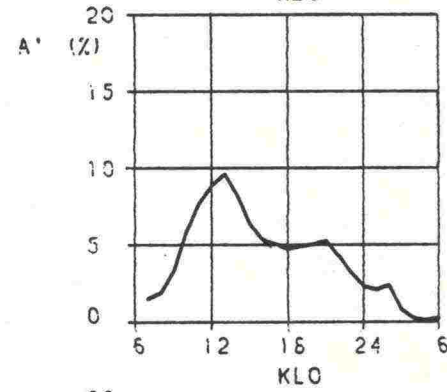
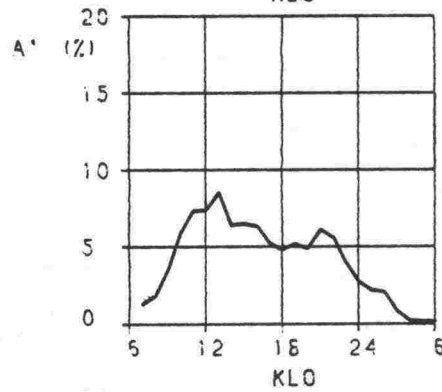
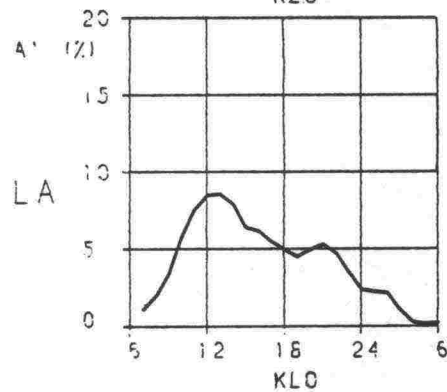
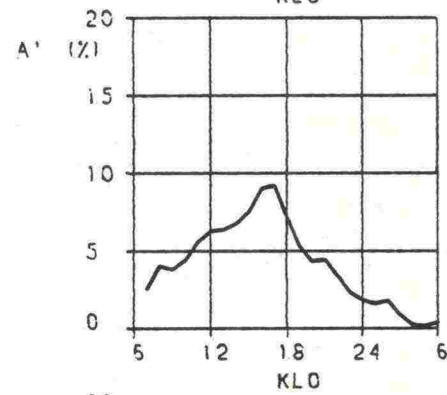
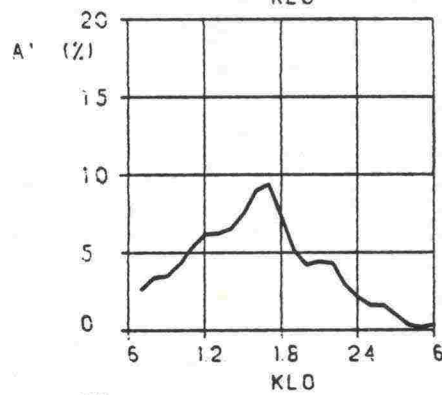
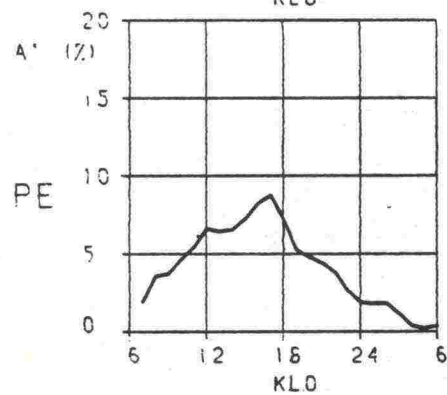
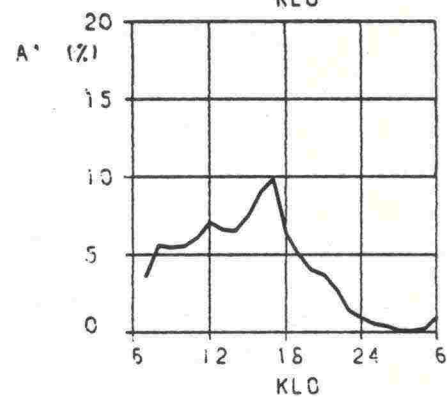
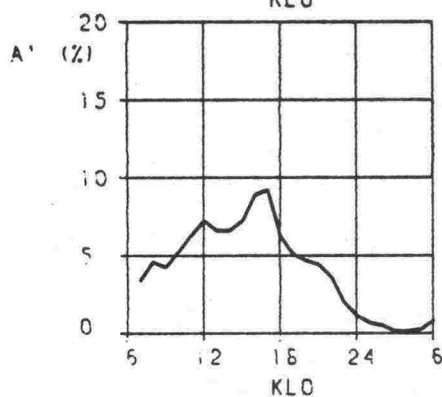
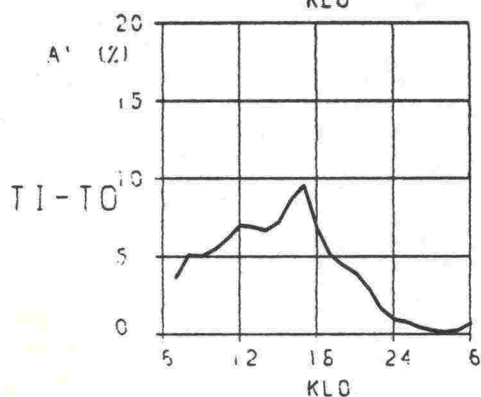
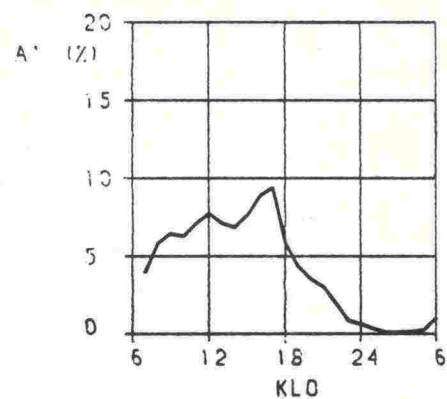
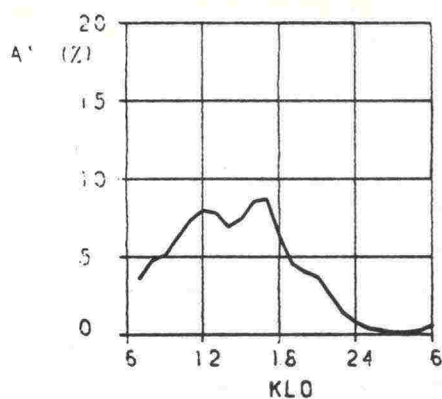
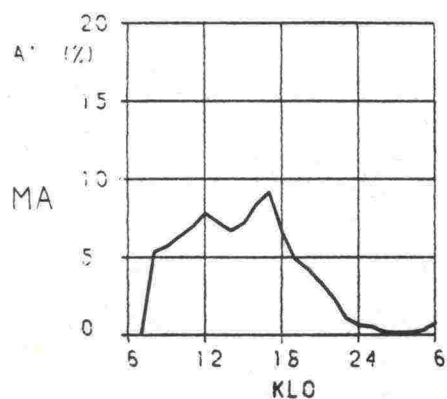
(*) MONTAKO % KO.ENSIMMAISISTA TUNNEISTA OSUUS PE-SU:LE



HELMIKUU

HEINAKUU

LOKAKUU



1318PUOLANKA

KT78 TIEOSA 110 ETAISYYS 2.1 KM

1986

KVL 576

B' (SU/KESA) 1.09

KAVL 540

D' 1.44

KKVL 832

ARKILIIKENTEEEN KOOSTUMUS

HA 81 %

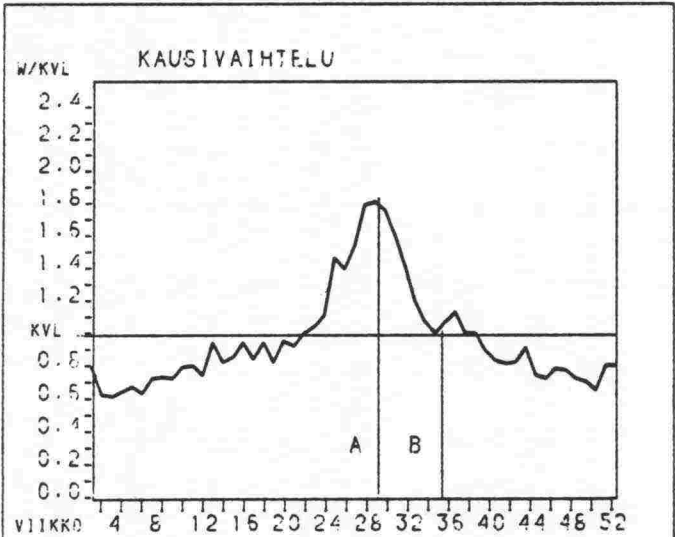
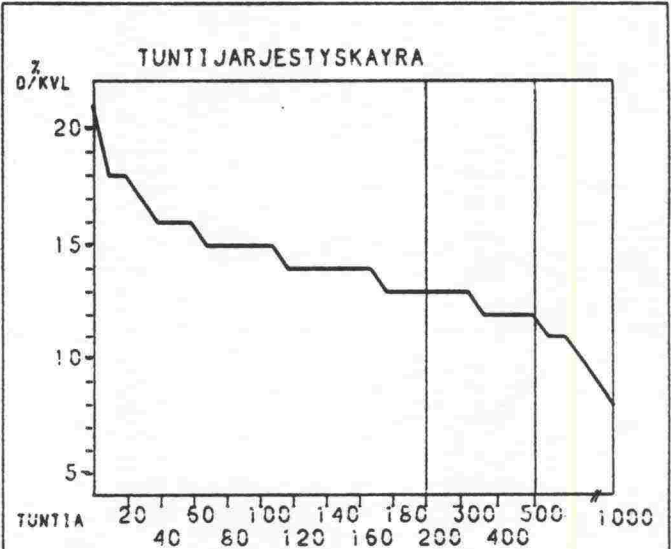
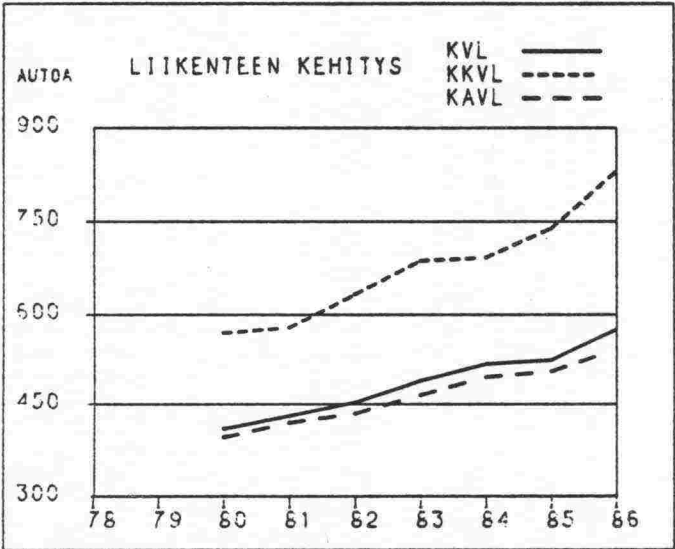
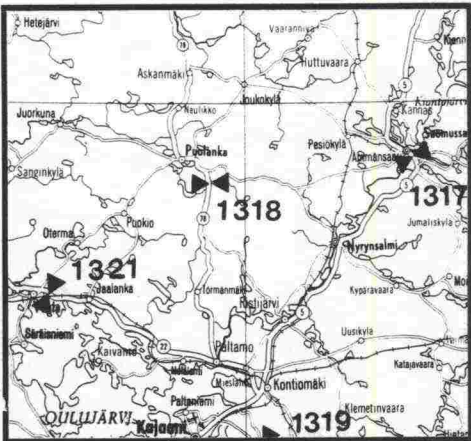
PA 6 %

LA 4 %

KAIP 5 %

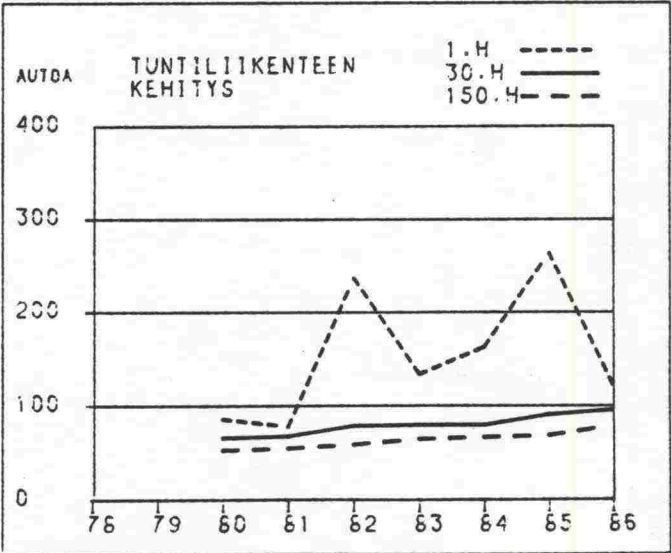
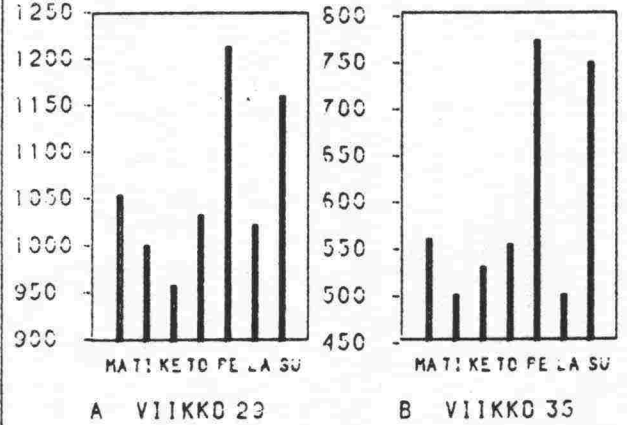
KAPP 1 %

KATP 3 %



H	D	PE-SU (•) KERTYMA	HTK
1	123	100	0.1
30	97	86	1.5
100	86	75	4.5
150	80	72	6.5
300	69	65	11.7
1000	48	59	30.6
5000	17	43	89.7

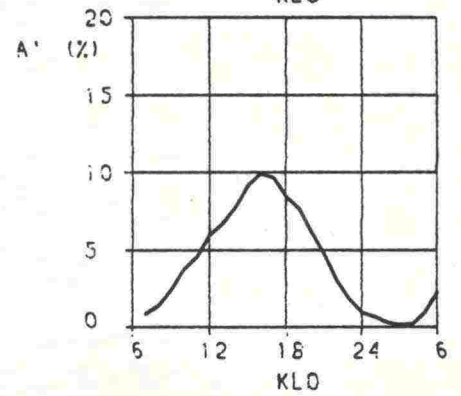
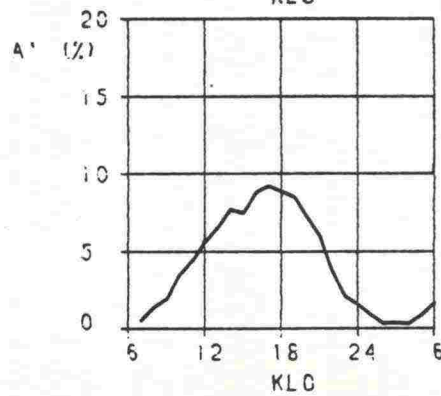
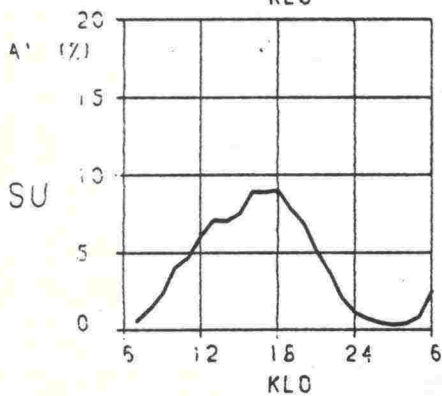
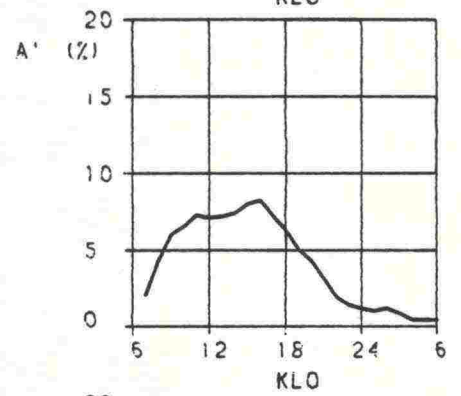
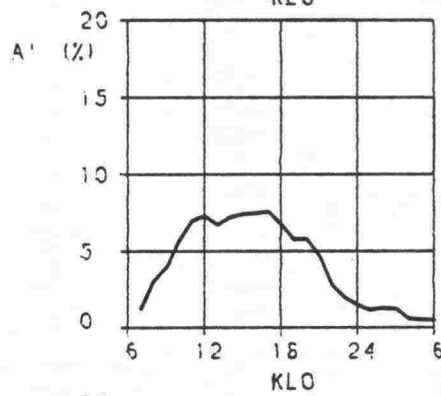
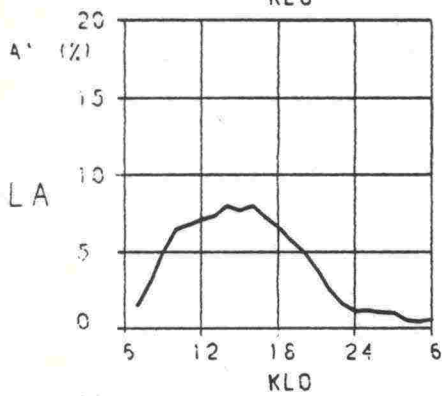
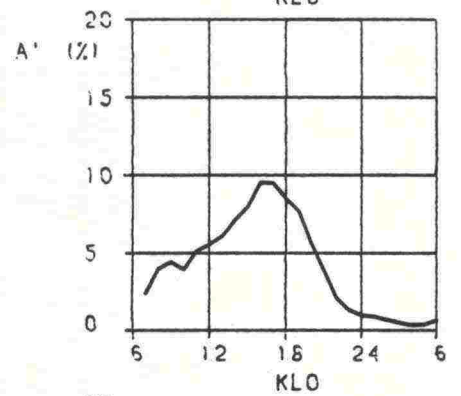
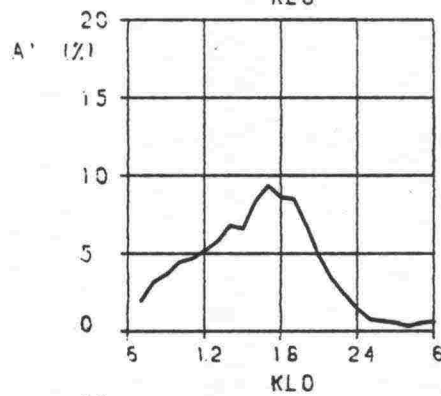
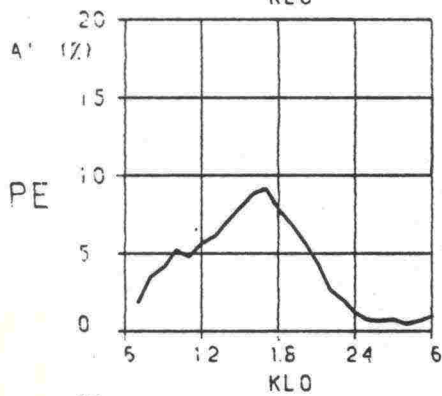
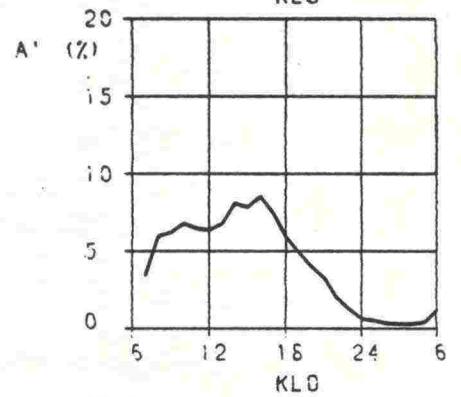
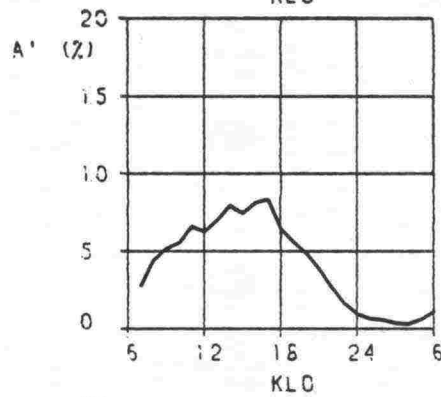
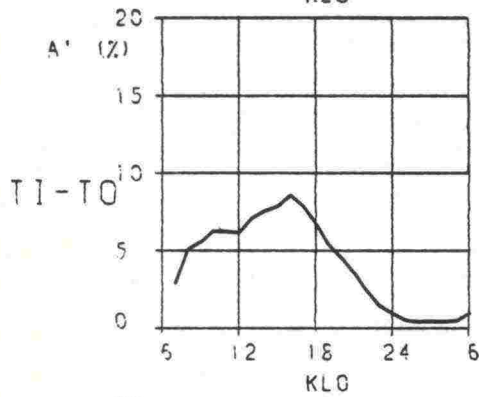
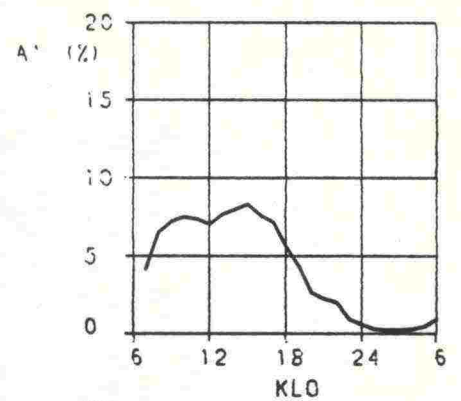
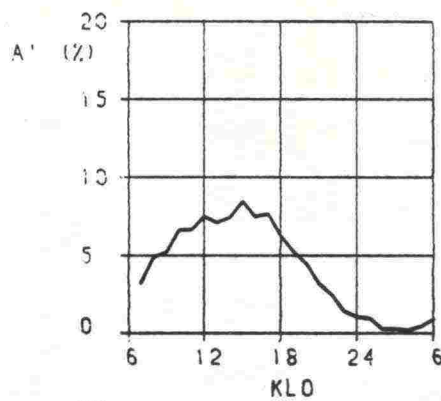
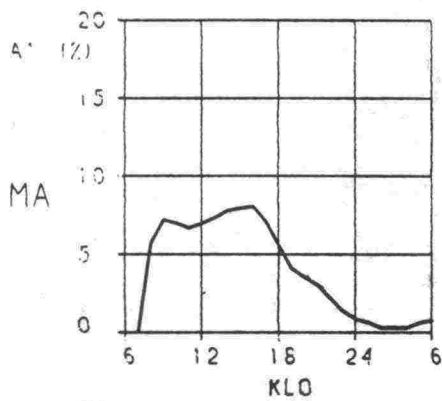
(•) MONTAKO % KO. ENSIMMAISISTA TUNNEISTA OSUUS PE-SU:ILLE



HELMIKUU

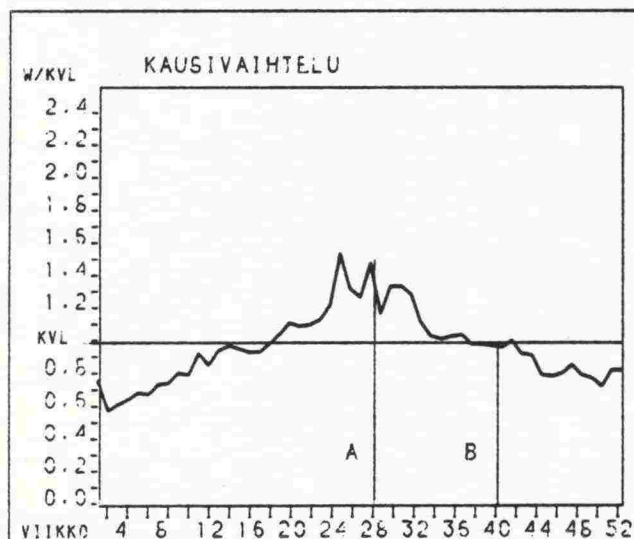
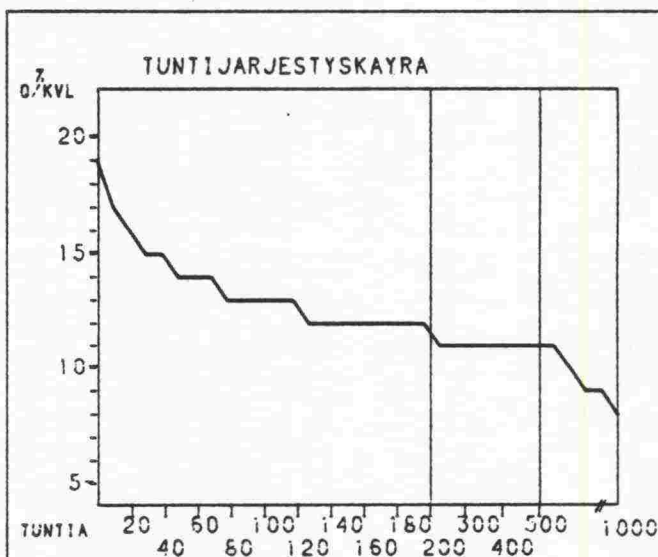
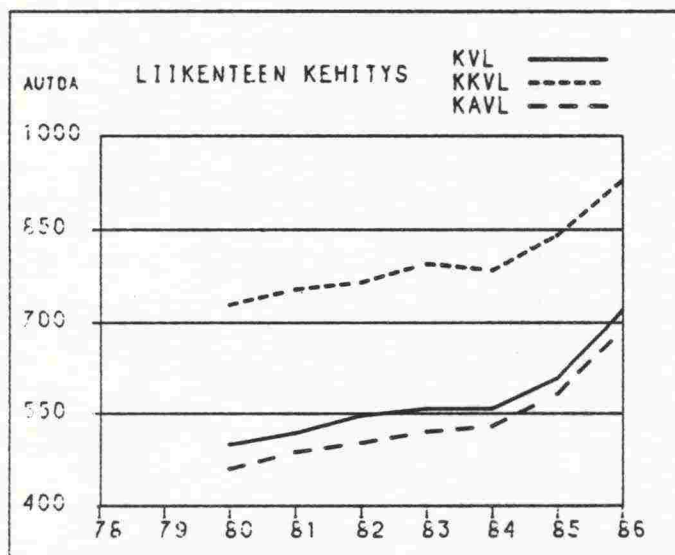
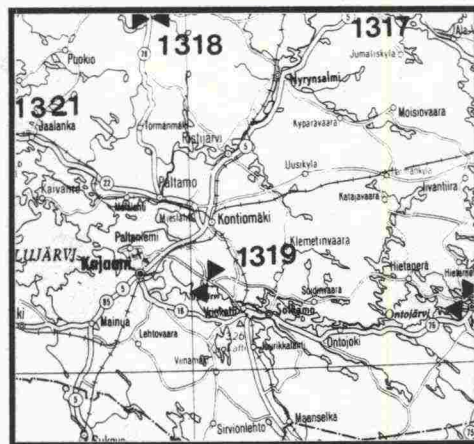
HEINAKUU

LOKAKUU



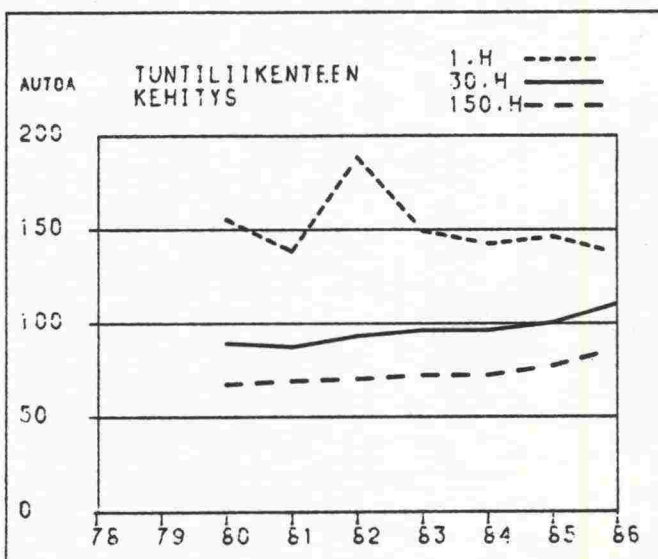
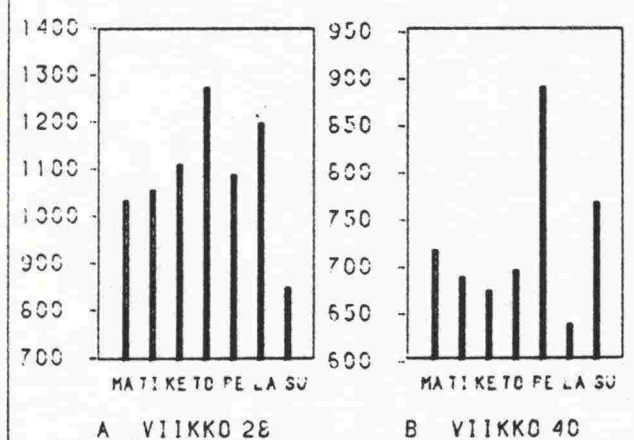
ARKILIIKENTEEN KOOOSTUMUS

HA	80 %	PA	7 %
LA	4 %	KAIP	4 %
KAPP	1 %	KATP	4 %



H	G	PE-SU (•)	KERTYMA	HTK
1	138	0	0.1	0.91
30	111	73	1.4	0.64
100	93	76	4.0	0.78
150	87	72	5.6	0.95
300	78	66	10.4	-
1000	60	59	28.4	0.66
5000	22	42	69.3	0.69

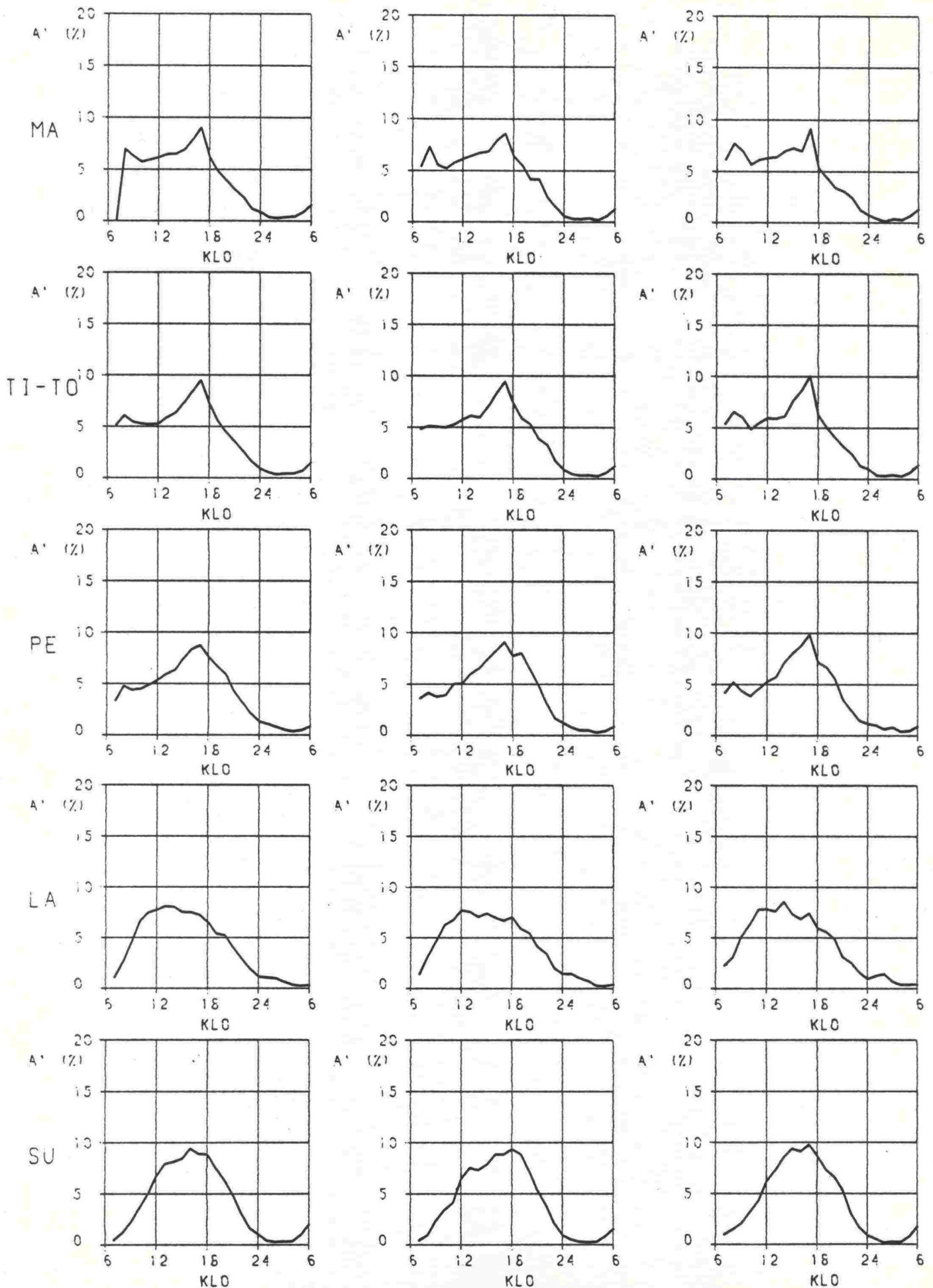
(*) MONTAKO 3 KO. ENSIMMAISISTA TUNNETISTA OSUO PE-SUOLLE



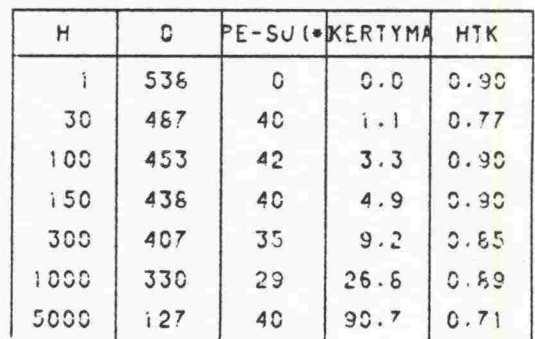
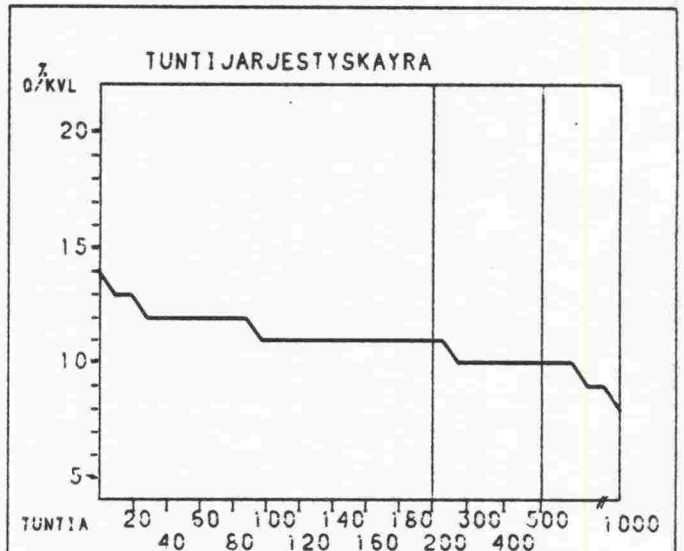
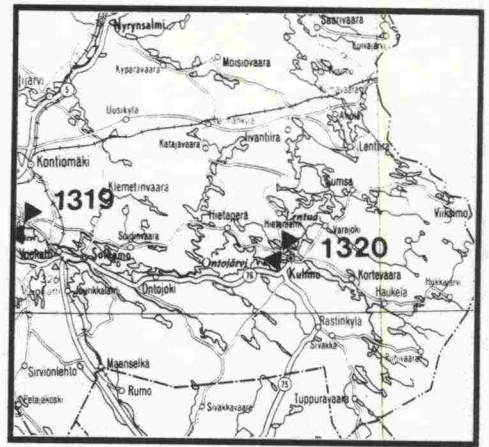
HELMIKUU

HEINAKUU

LOKAKUU



HA	82 %	PA	9 %
LA	1 %	KAIP	5 %
KAPP		KATP	2 %

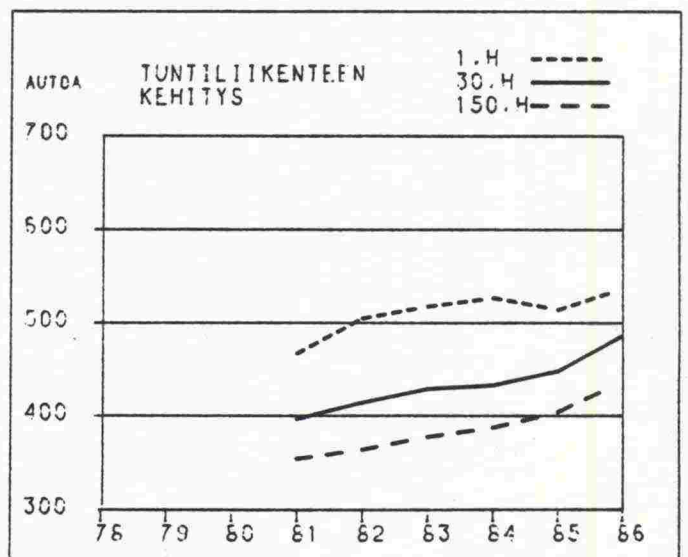


A VIKKO 30

Species	Count
MATI	5700
KETU	5100
PE	5200
LA	5150
SU	5750

B VIKKO 43

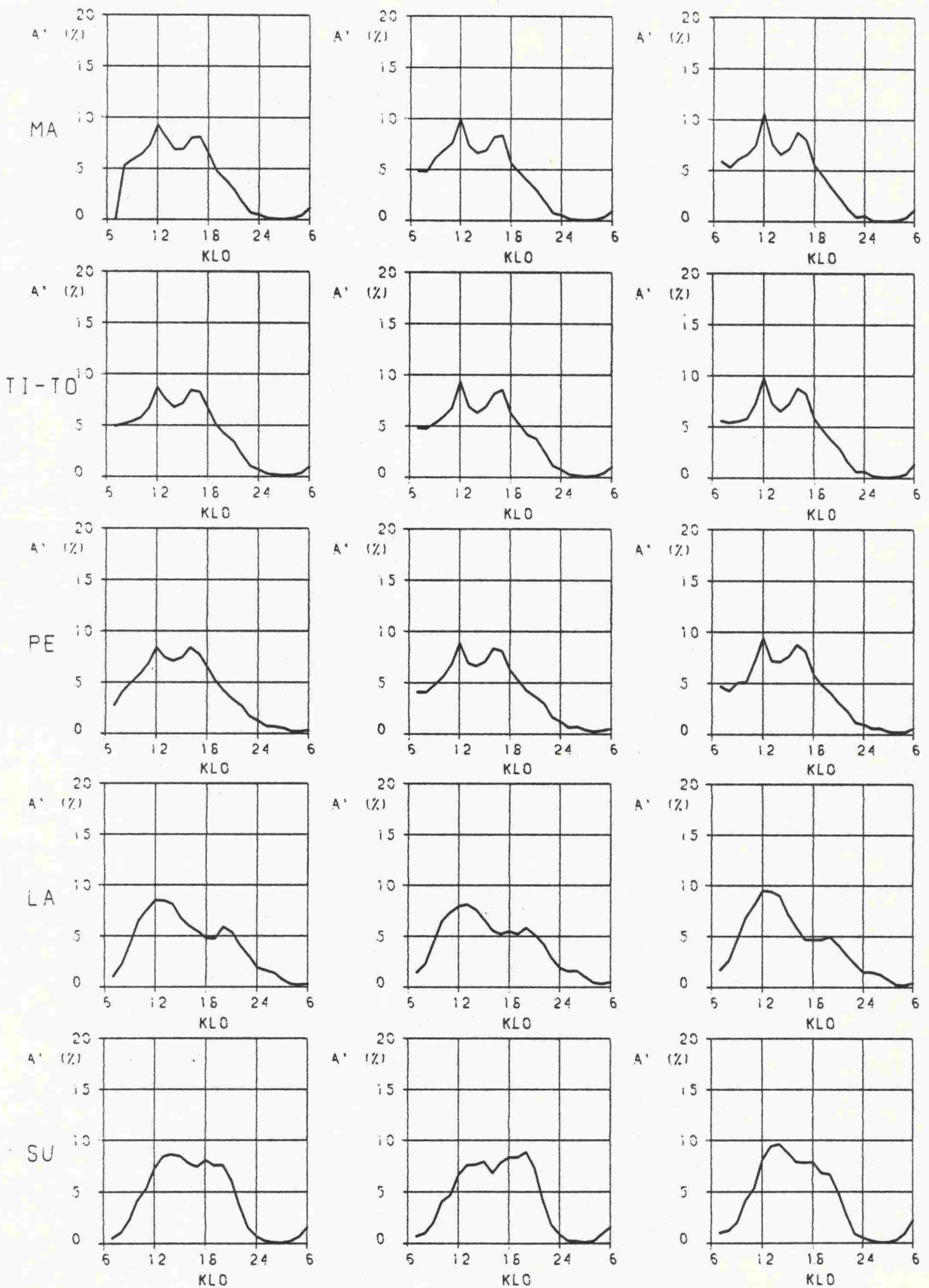
Species	Count
MATI	4400
KETU	4250
PE	4300
LA	4350
SU	4850



HELMIKUU

HEINAKUU

LOKAKUU



1321.TÖRMÄKYLÄ
1986

VT22
TIEDOSA 17
ETAISYYS 1.7 KM

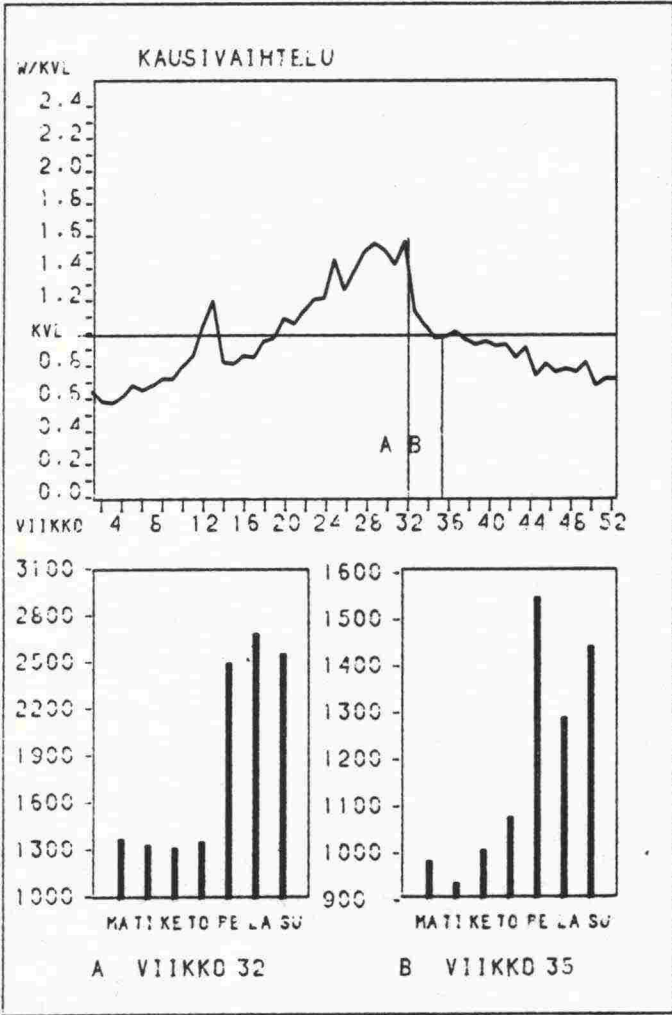
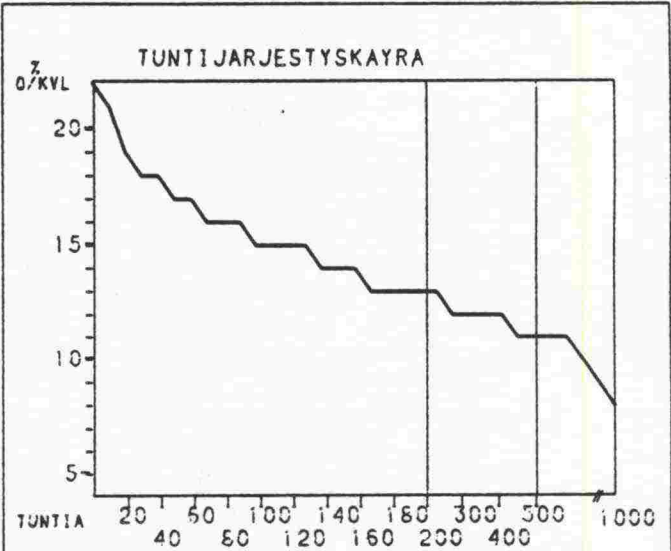
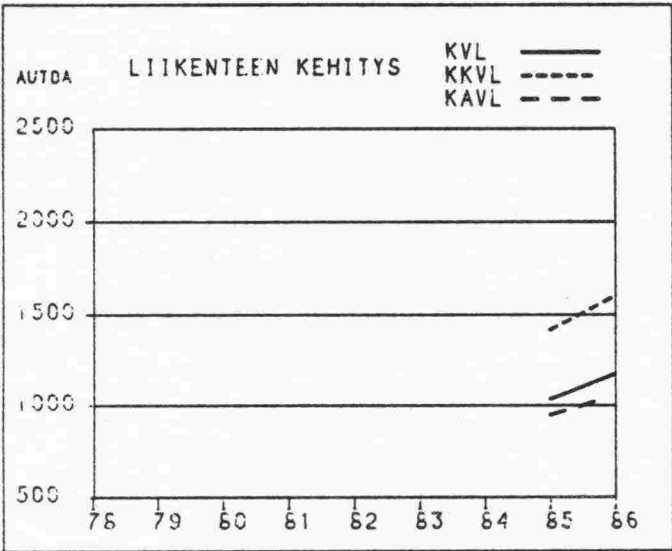
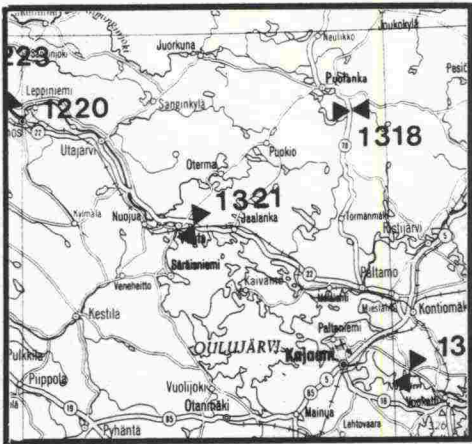
KVL 1176
KAVL 1051
KKVL 1608

B' (SU/KESA) 1.18
D' 1.36

ARKILIIKENTEEN KOOSTUMUS

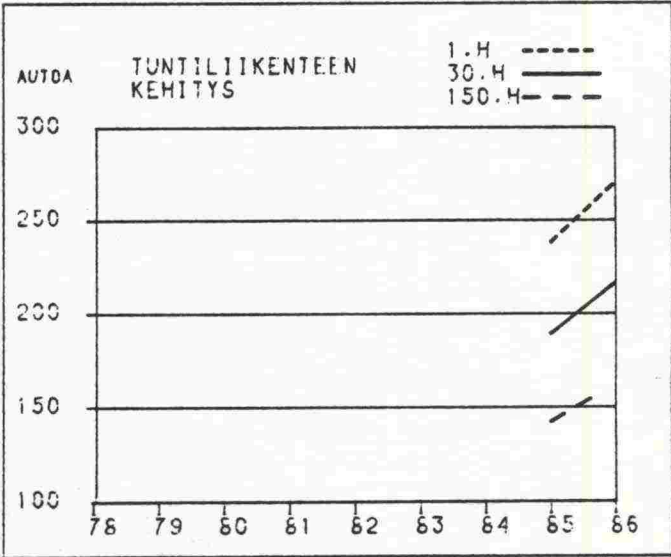
HA 78 %
LA 2 %
KAPP 1 %

PA 5 %
KAIP 4 %
KATP 10 %



H	O	PE-SU (•) KERTYMA	HTK
1	271	100	0.1
30	217	86	1.7
100	181	93	4.9
150	163	93	6.9
300	137	89	12.1
1000	95	71	30.3
5000	35	42	88.7

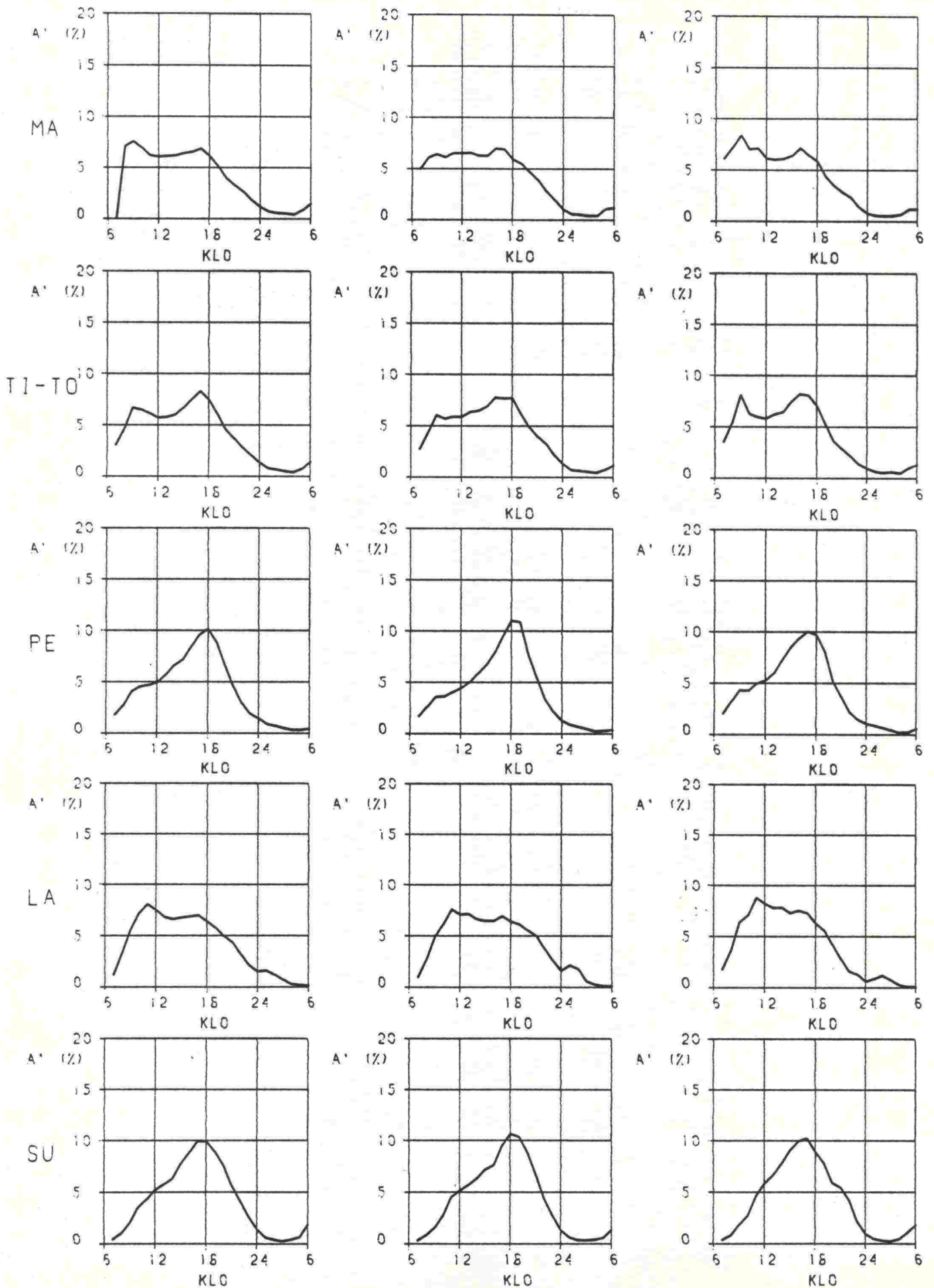
(•) MONTAKO % KO ENSIMMAISISTA TUNNEISTA OSUU PE-SU LLE



HELMIKUU

HEINAKUU

LOKAKUU

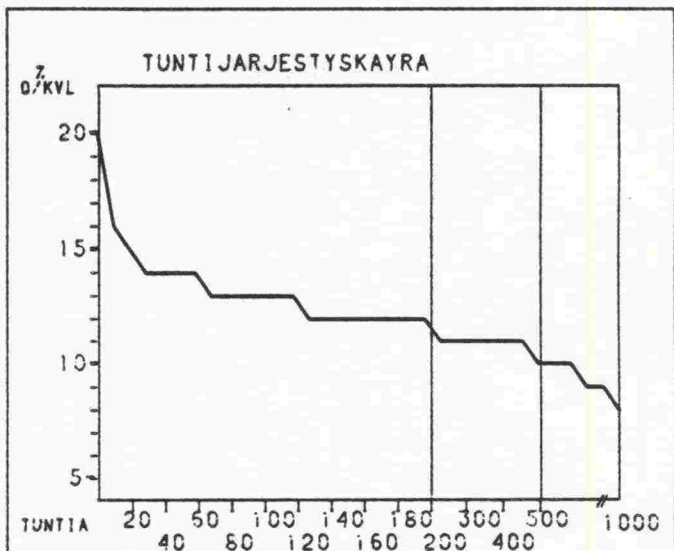
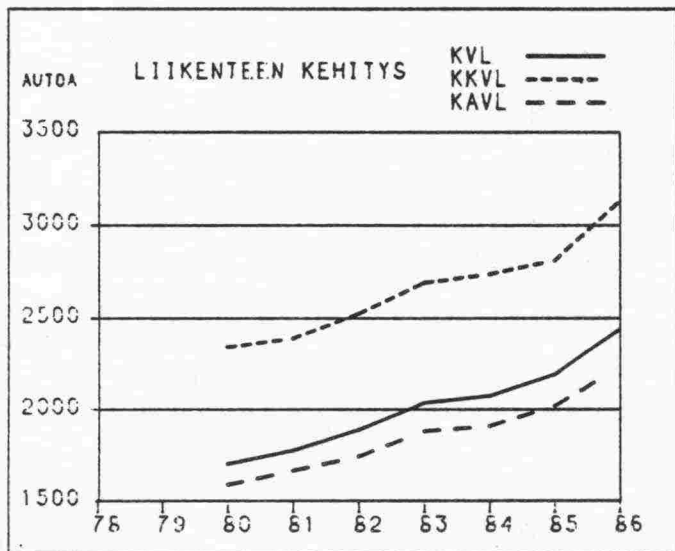
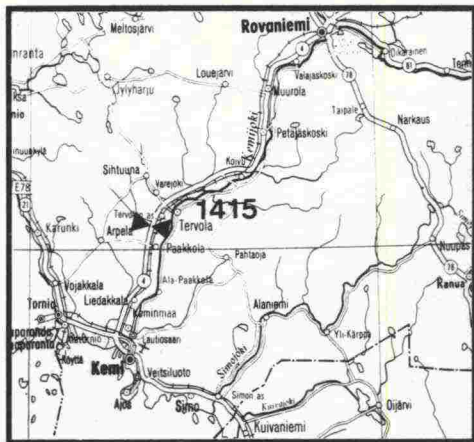


1415HASTINKANGAS 1986
VT4 TIEOSA 435 ETAISYYS 0.7 KM

KVL 2444 B' (SU/KESA) 1.15
KAVL 2234
KKVL 3137 D' 1.28

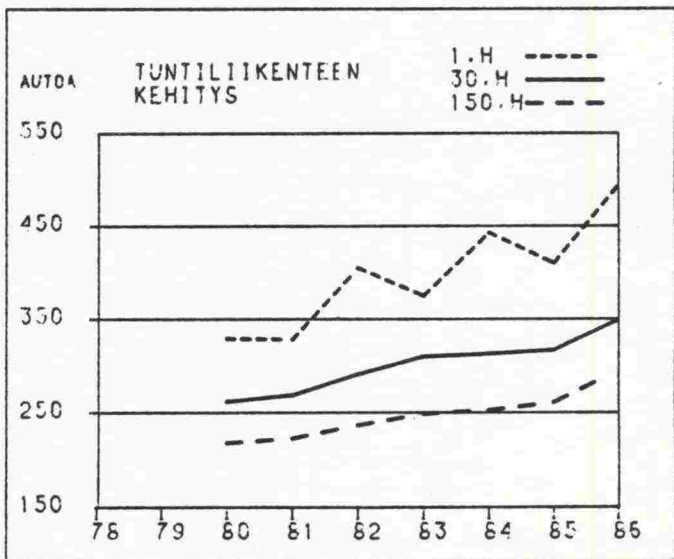
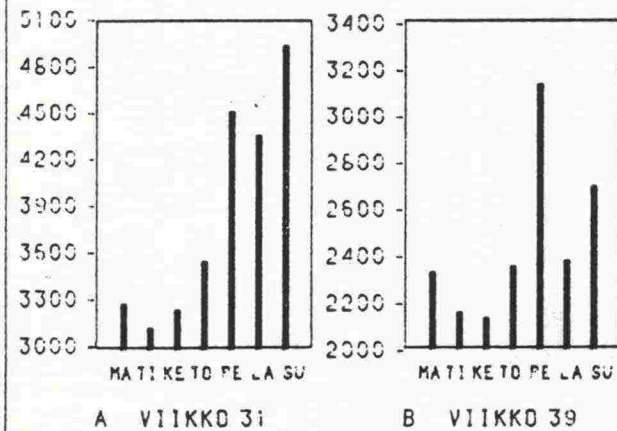
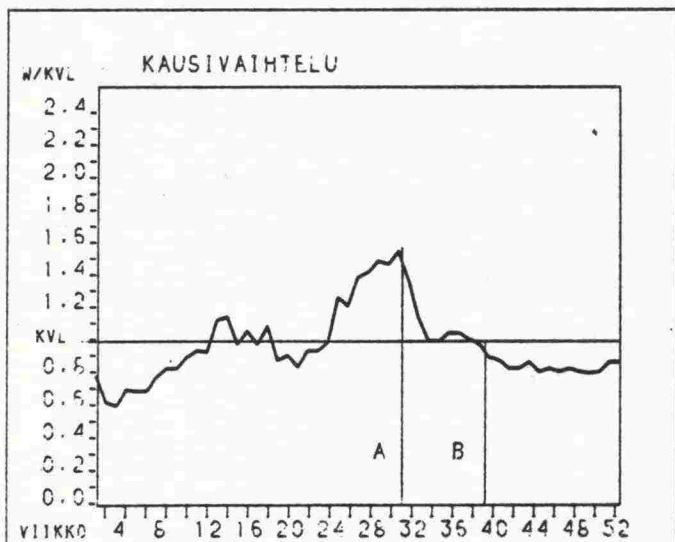
ARKILIIKENTEEEN KOOSTUMUS

HA 76 % PA 6 %
LA 1 % KAIP 4 %
KAPP 1 % KATP 12 %



H	D	PE-SU (*KERTYMA	HTK
1	495	100	0.1
30	350	73	1.3
100	315	63	3.9
150	296	62	5.6
300	261	60	10.3
1000	195	73	27.6
5000	76	42	65.4

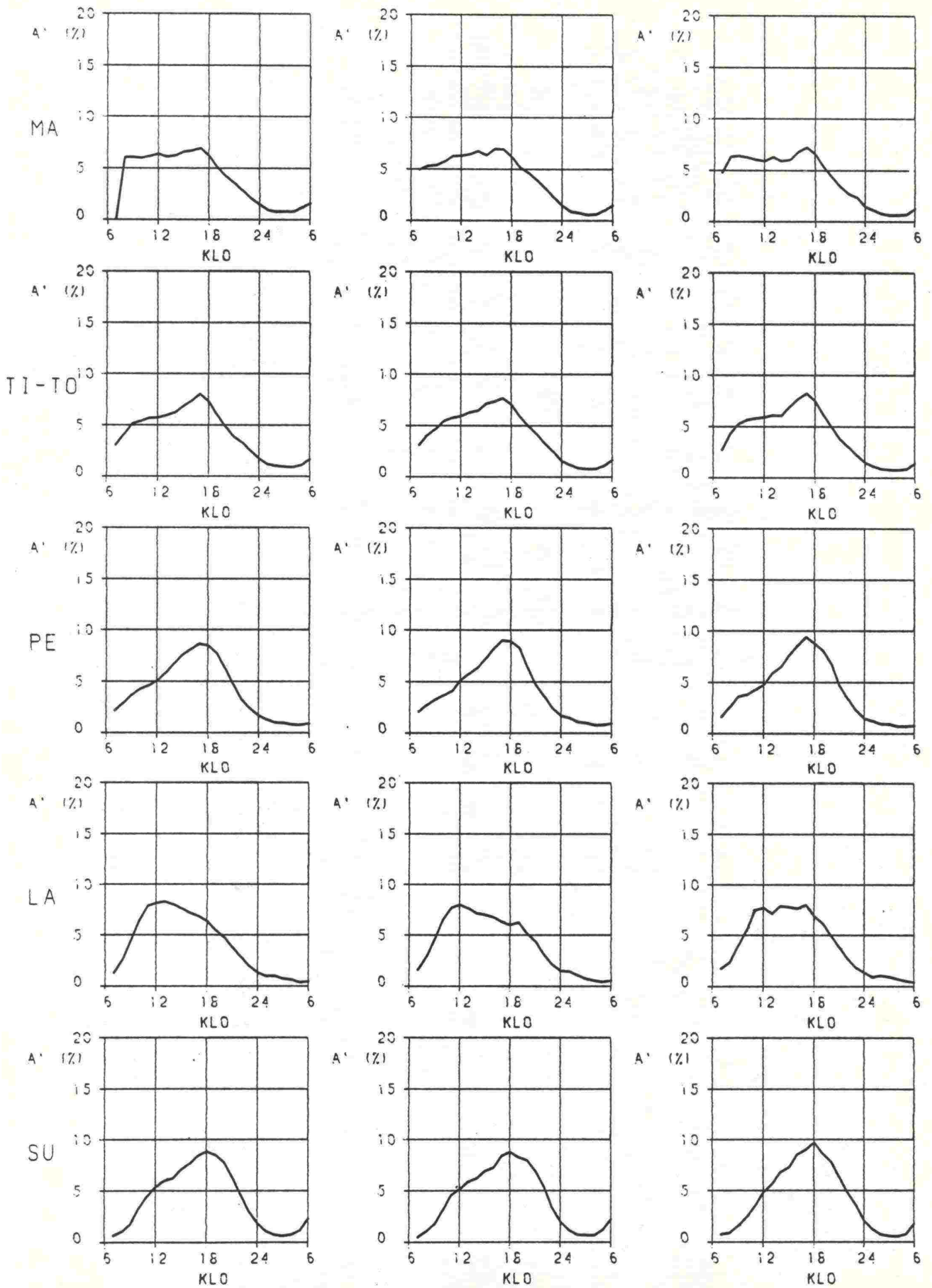
(*1) MONTAKO % KO.ENSIMMAISISTA TUNNEISTA OSUUS PE-SUILLE



HELMIKUU

HEINAKUU

LOKAKUU



1420INARI

1986

VT4

TIEOSA 558 ETAISYYS 0.0KM

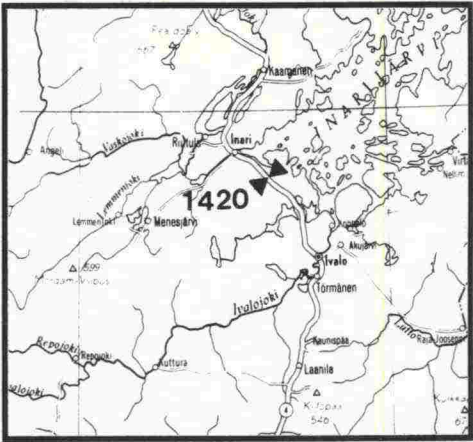
KVL 818

B' (SU/KESA) 0.90

KAVL 824

KKVL 1502

D' 1.83



ARKILIIKENTEEN KOOSTUMUS

HA 79%

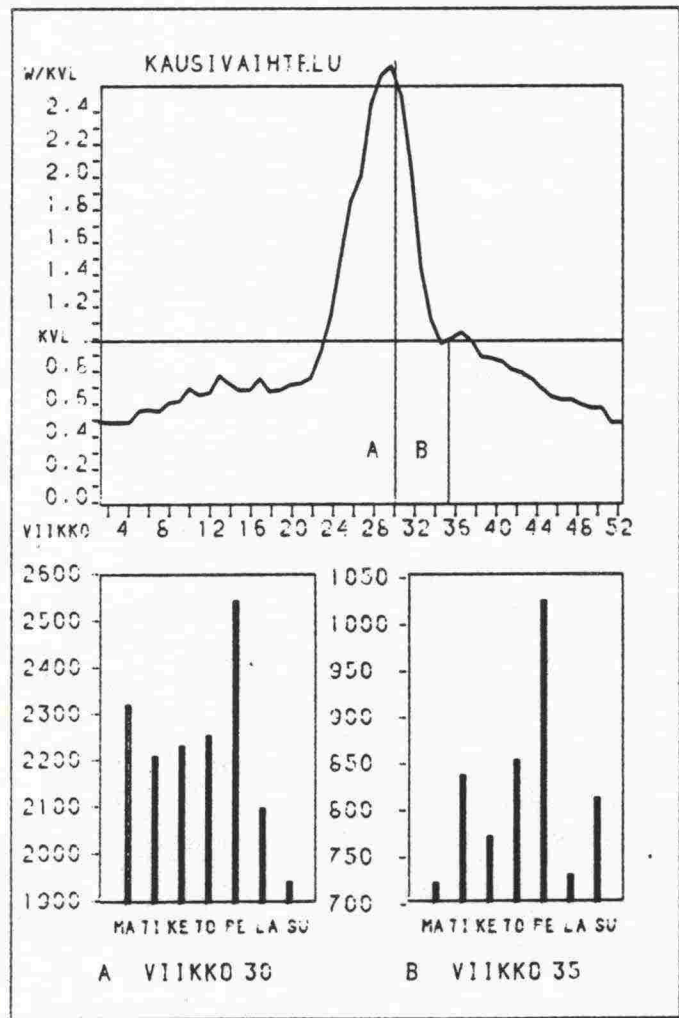
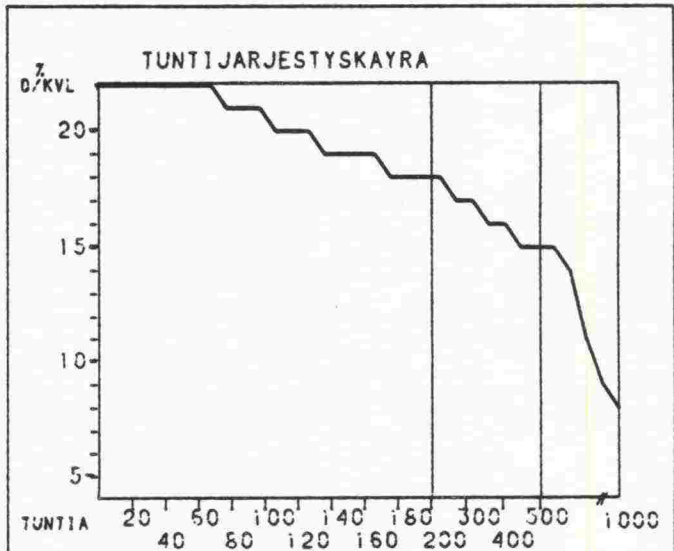
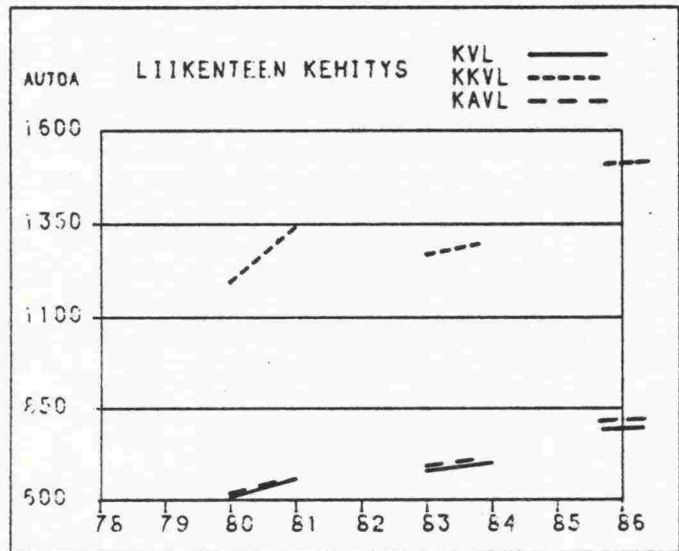
PA 11%

LA 2 %

KAIP 4 %

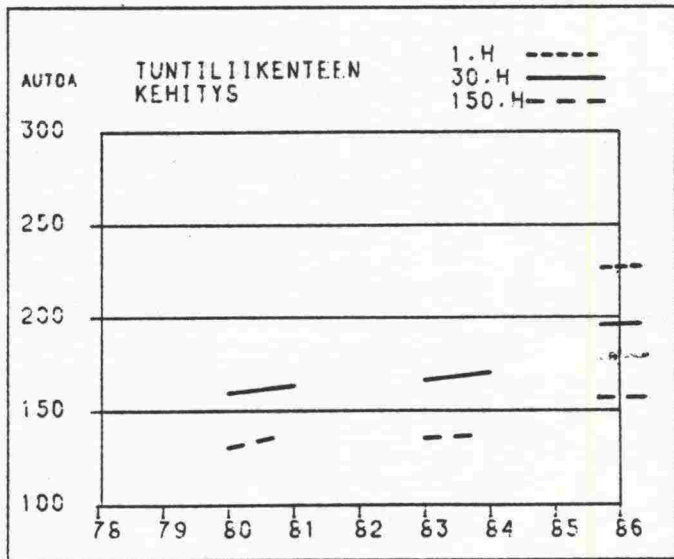
KAPP

KATP 4 %



H	Q	PE-SU (*KERTYMA	HTK
1	227	100	0.1
30	194	60	2.1
100	169	42	6.3
150	157	43	9.0
300	129	44	16.2
1000	66	42	37.3
5000	20	41	89.2

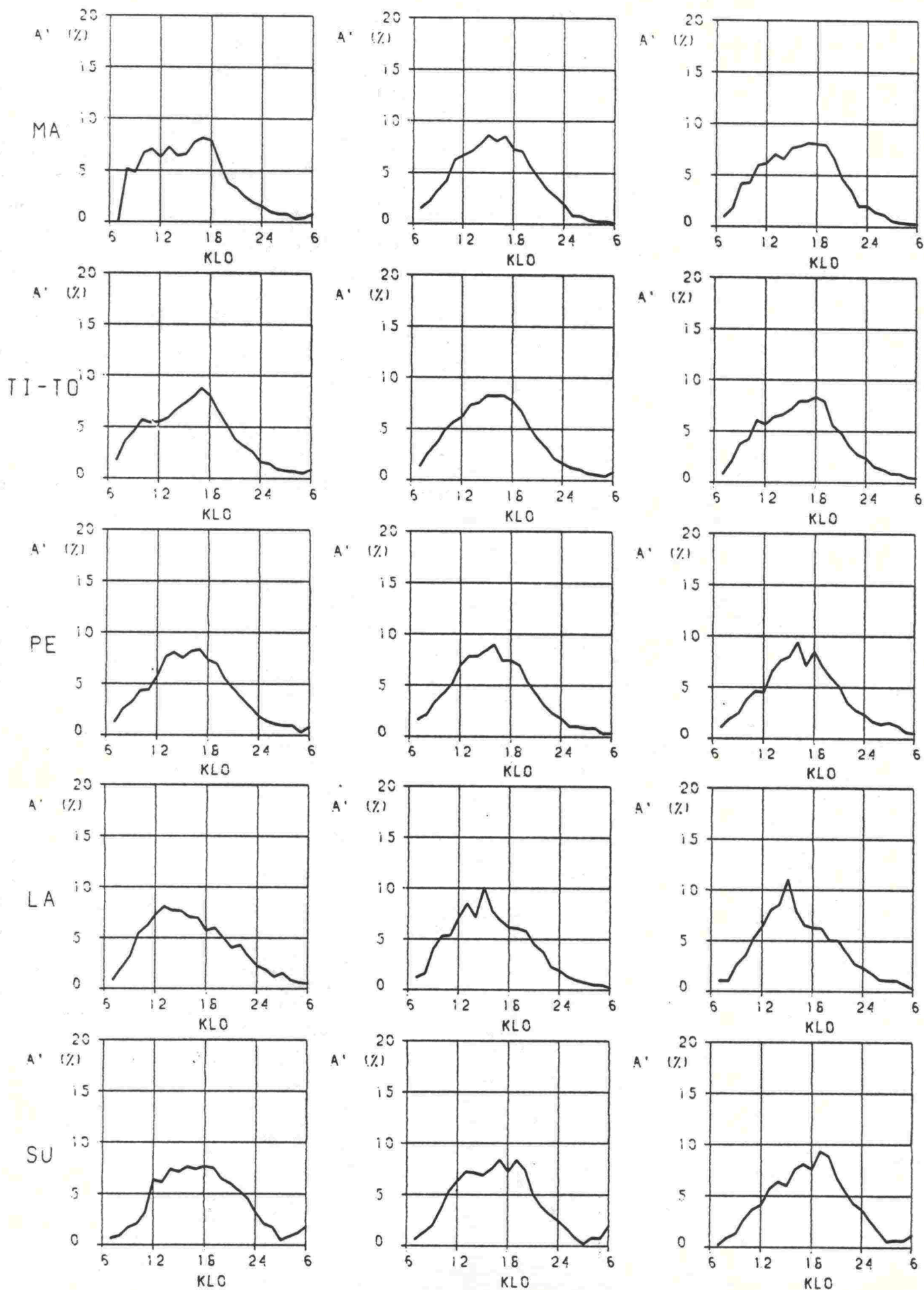
(* MONTAKO % KO.ENSIMMAISISTA TUNNEISTA OSUU PE-SU: LLE



HELMIKUU

HEINAKUU

LOKAKUU



1421 KOLARI

1986

VT21 TIEOSA 140 ETAISYYS 1.0 KM

KVL 1215 B' (SU/KESA) 0.98

KAVL 1170

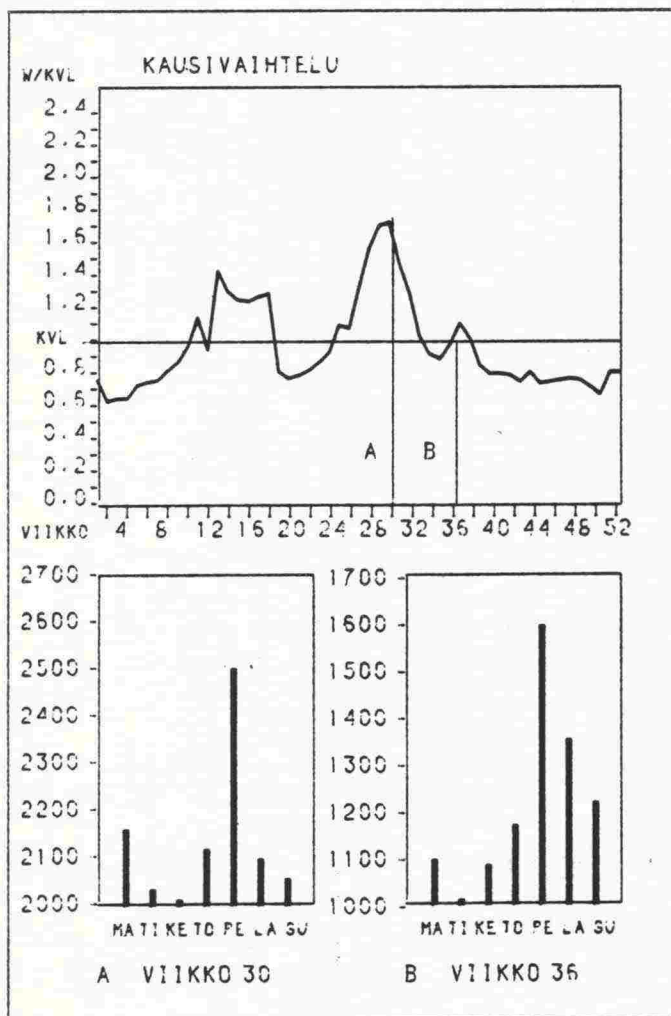
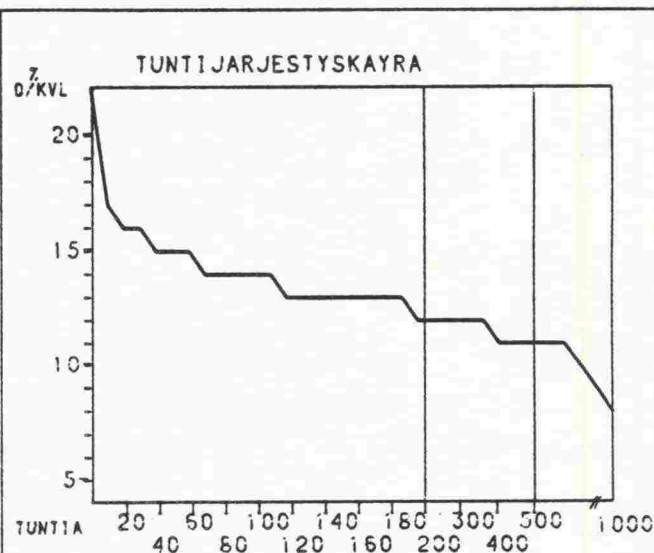
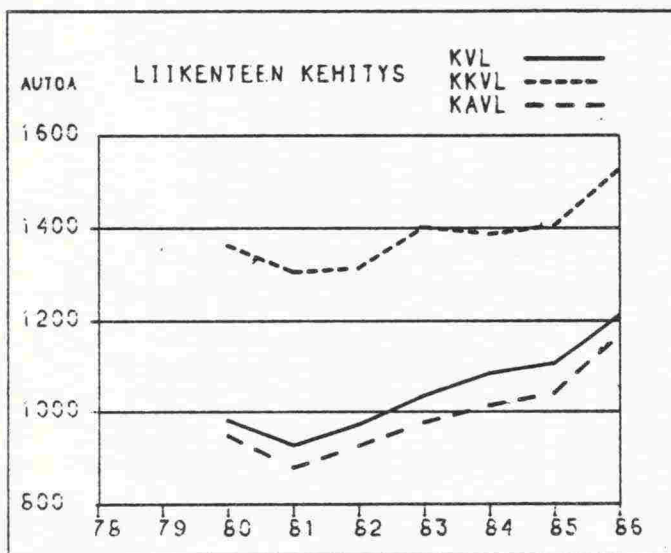
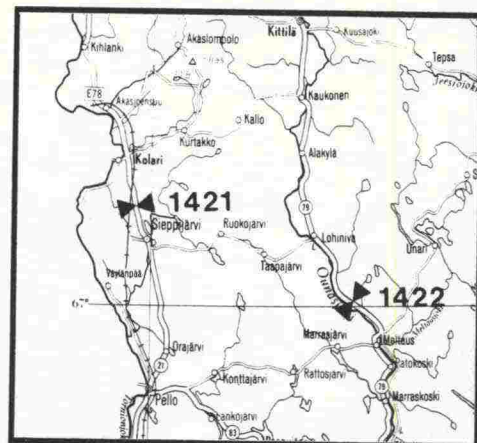
KKVL 1528 D' 1.25

ARKILIIKENTEEN KOOSTUMUS

HA 81 % PA 8 %

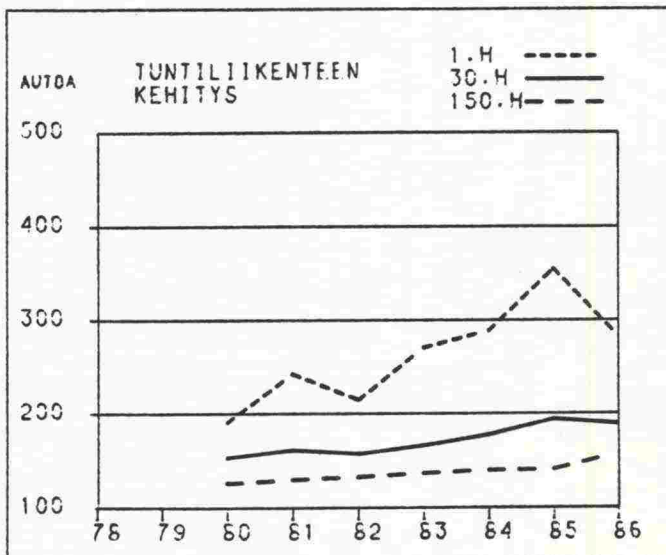
LA 3 % KAIP 4 %

KAPP KATP 4 %



H	D	PE-SU (*)	KERTYMA	HTK
1	264	100	0.1	0.83
30	190	66	1.4	0.90
100	166	69	4.2	0.88
150	159	69	6.1	0.90
300	139	63	11.1	0.85
1000	97	59	29.2	-
5000	40	40	86.3	0.71

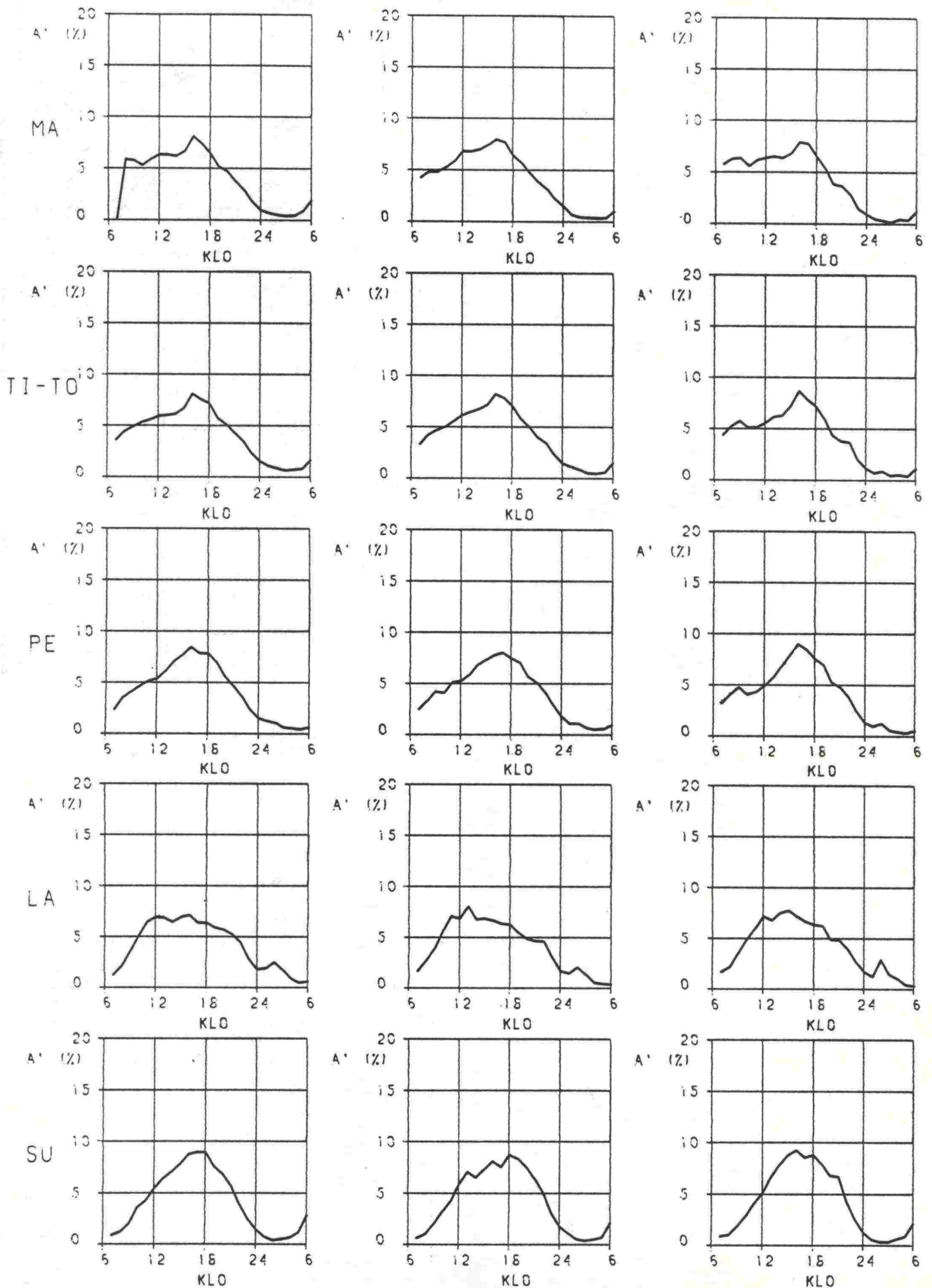
(*) MONTAKO % KO.ENSIMMAISISTA TUNNEISTA OSUUS PE-SU:LLA



HELMIKUU

HEINAKUU

LOKAKUU



1422JÄÄSKÖ
1986
KT79
TIEOSA 14
ETAISYYS 7.0KM

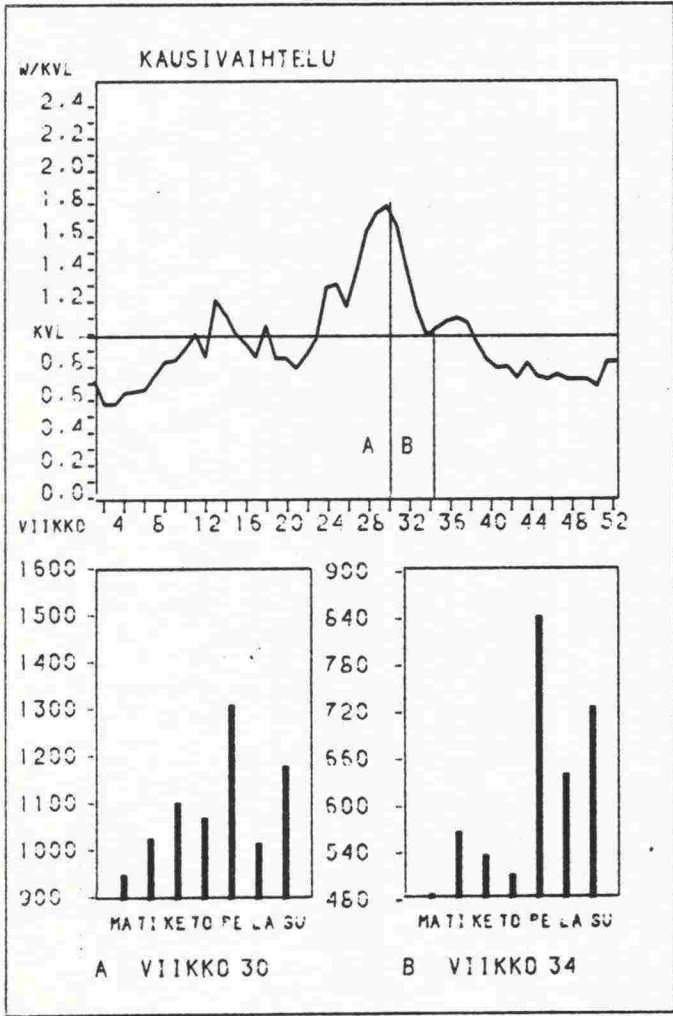
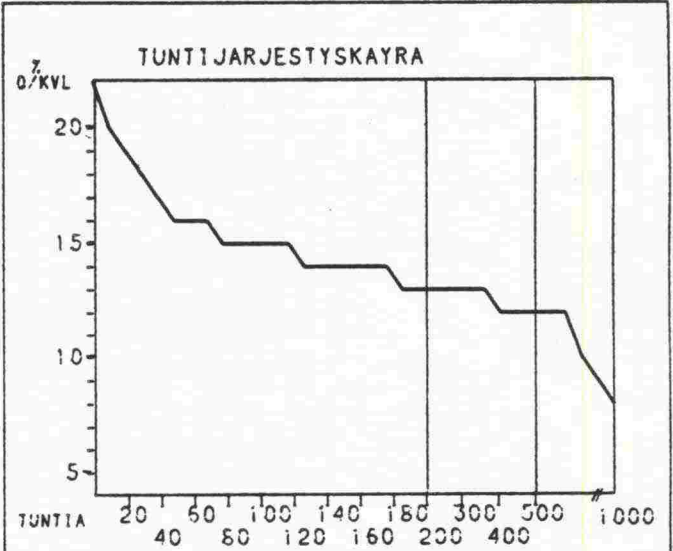
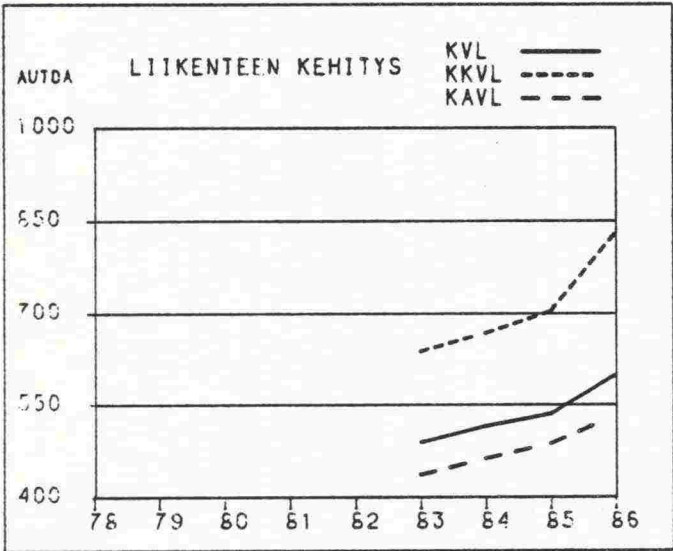
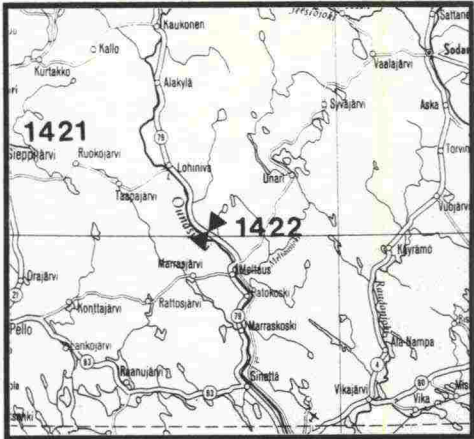
KVL 600
KAVL 535
KKVL 833

B' (SU/KESA) 1.07
D' 1.38

ARKILIIKENTEEEN KOOSTUMUS

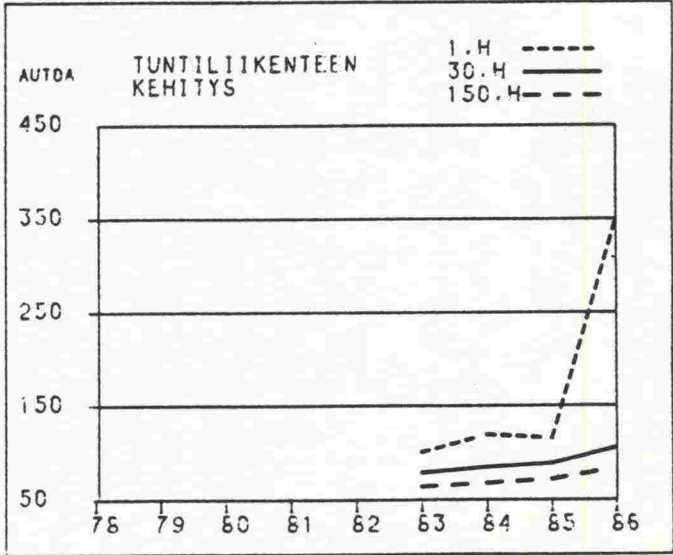
HA 82 %
LA 4 %
KAPP 1 %

PA 5 %
KAIP 6 %
KATP 2 %



H	D	PE-SU (•)	KERTYMA	HTK
1	350	100	0.2	0.42
30	107	73	1.7	0.61
100	91	75	4.8	0.78
150	85	74	6.6	0.92
300	73	71	12.2	0.73
1000	51	66	31.7	0.96
5000	18	44	89.2	0.56

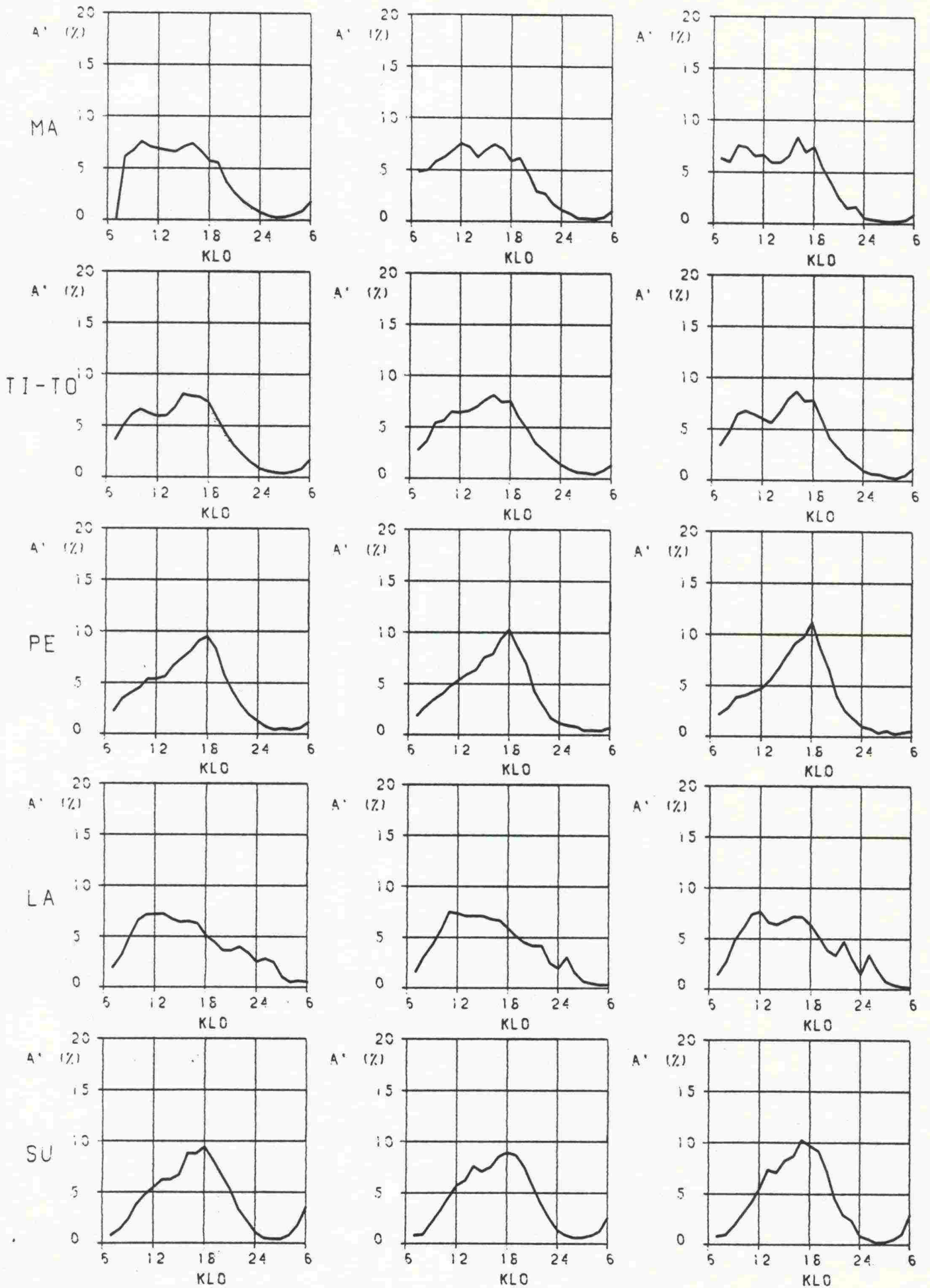
(•) MONTAKO % KO. ENSIMMAISISTA TUNNEISTA OSUU PE-SU:ILLE



HELMIKUU

HEINAKUU

LOKAKUU



SUOMEN MAANTIEVERKKKO

1:1 000 000

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KONELASKENTAPISTE



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